

## DAILY STAGES FOR 1994

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTH WEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.42 ON OCT. 3, 1990. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5.4	7.9	3.1	5.2	6.5	4.6	6.1	.6	-.1	-.2	-.2	1.4
2	5.3	7.7	2.7	4.3	6.7	4.5	5.5	.6	-.1	-.2	-.2	1.2
3	5.2	7.4	2.3	3.7	6.8	4.5	7.0	.5	-.1	-.2	-.2	.9
4	5.1	7.2	2.1	3.1	6.8	4.4	8.8	.4	-.1	-.2	-.2	.6
5	5.0	7.0	1.9	2.7	6.7	4.8	7.8	.5	-.1	-.2	-.2	.4
6	5.0	6.8	1.8	2.8	6.5	6.6	6.3	.5	-.1	-.2	-.2	.3
7	5.4	6.6	1.7	2.5	6.3	7.6	5.4	.4	.1	-.2	-.2	.2
8	5.5	6.4	1.6	2.1	6.1	8.8	4.9	.4	.1	-.2	-.1	.2
9	5.4	6.5	4.3	5.2	5.9	8.3	4.6	.3	.0	-.2	.0	3.1
10	5.4	7.0	5.9	5.4	5.7	9.1	4.4	.3	-.1	-.2	.1	6.9
11	5.4	6.8	4.5	5.3	5.6	8.9	4.3	.2	-.1	-.2	.1	8.9
12	6.1	6.8	3.4	6.4	5.4	8.0	4.4	.2	-.1	-.2	.1	7.3
13	6.3	7.7	3.1	7.7	5.5	6.9	4.3	.2	-.2	-.1	.1	5.1
14	6.0	7.9	2.8	7.0	5.5	6.1	4.3	.2	-.3	-.2	.1	3.9
15	5.9	7.4	2.6	6.6	5.2	5.4	4.4	.2	-.4	-.2	.0	3.3
16	5.8	7.1	2.3	6.6	4.9	5.1	4.8	.1	-.2	-.2	.0	2.8
17	6.1	6.8	5.6	6.4	4.7	4.9	5.2	.1	-.1	-.2	.0	3.5
18	6.7	6.6	6.0	6.3	4.7	4.9	4.9	.1	-.1	-.2	.0	3.0
19	6.4	6.3	5.9	6.1	4.7	4.8	1.9	.0	-.1	-.2	-.1	2.0
20	6.2	6.0	5.8	5.9	4.7	4.8	1.3	.0	-.1	-.2	-.1	1.5
21	5.9	6.3	5.7	5.8	4.7	4.8	1.2	.0	-.1	-.2	.1	1.3
22	5.8	6.1	5.6	5.7	4.6	4.8	1.1	.0	-.2	-.2	.1	4.0
23	5.9	10.0	5.4	5.6	4.6	4.6	1.0	.0	-.1	.2	.1	6.1
24	6.2	8.8	5.4	5.5	4.6	4.6	.9	.0	-.1	.0	.0	4.5
25	7.2	6.5	5.5	5.4	4.5	4.6	.8	.0	-.1	-.1	.0	3.2
26	8.0	4.8	5.9	5.4	4.5	4.9	.8	.0	-.1	-.1	.0	2.8
27	8.7	3.9	9.1	5.2	4.5	5.6	.9	.0	-.1	-.1	.4	2.5
28	10.0	3.5	11.5	5.0	4.5	5.6	1.2	.0	-.1	-.1	3.4	2.2
29	9.7	----	10.5	5.5	4.5	7.0	.9	-.1	-.2	-.1	2.8	1.8
30	8.9	----	8.6	6.2	4.5	6.8	.7	-.1	-.2	-.1	1.8	1.5
31	8.3	----	6.6	----	4.6	----	.7	-.1	----	-.2	----	1.2
MEAN	6.4	6.8	4.8	5.2	5.3	5.9	3.6	.2	-.1	-.2	.3	2.8
MAX	10.0	10.0	11.5	7.7	6.8	9.1	8.8	.6	.1	.2	3.4	8.9
MIN	5.0	3.5	1.6	2.1	4.5	4.4	.7	-.1	-.4	-.2	-.2	.2

THE MEAN STAGE FOR THE YEAR 3.4  
 HIGHEST STAGE WAS 11.48 28 MAR 1994  
 LOWEST STAGE WAS -.38 15 SEP 1994

## DAILY STAGES FOR 1993

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.42 ON OCT. 3, 1990. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAY	DAILY EIGHT A.M. STAGE IN FEET											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929											
1	4.9	6.0	5.9	2.1	1.4	4.8	5.6	3.9	-0.2	4.2	4.5	6.8
2	5.1	5.8	6.0	1.7	3.0	4.7	5.3	4.0	-0.2	4.3	4.5	6.5
3	5.3	5.7	6.8	1.5	6.4	4.7	5.1	4.0	-0.2	4.7	4.5	6.7
4	5.3	5.6	6.8	1.3	8.0	4.6	4.7	4.1	-0.2	4.6	4.5	10.0
5	7.0	5.5	6.4	1.3	5.9	4.6	4.5	4.2	-0.2	4.5	4.5	10.3
6	6.9	5.3	6.3	1.2	4.0	4.7	4.4	4.7	-0.3	4.4	4.5	8.8
7	6.4	5.2	6.2	1.1	3.2	4.8	4.4	4.6	-0.4	4.4	4.5	6.8
8	6.3	5.1	6.1	1.1	2.8	4.8	4.3	4.4	-0.4	4.4	4.5	5.2
9	6.4	5.2	5.9	4.5	2.5	4.7	4.2	4.3	-0.3	4.5	4.5	4.3
10	6.5	5.1	5.6	6.5	2.1	4.6	4.2	4.2	-0.4	4.5	4.4	3.8
11	4.1	5.1	5.4	4.9	2.7	4.5	4.3	4.2	-0.4	4.5	4.5	3.2
12	2.3	5.1	5.3	3.6	5.3	4.5	4.3	4.1	-0.4	4.5	4.5	2.7
13	1.9	5.2	5.1	3.2	5.8	4.7	4.2	4.1	-0.4	4.5	4.5	2.2
14	1.6	5.2	5.1	2.8	5.7	4.8	4.3	4.0	-0.3	4.5	4.6	3.6
15	1.4	5.2	5.0	4.2	5.5	4.7	4.4	4.0	-0.2	4.5	6.1	3.5
16	1.4	6.0	4.9	5.6	5.3	4.6	4.3	4.1	-0.2	4.3	6.1	2.7
17	1.2	6.3	5.1	4.0	5.1	4.5	4.4	4.1	-0.3	4.4	9.3	2.4
18	1.1	6.0	5.1	3.0	4.9	4.4	4.4	4.0	-0.4	4.4	10.0	6.0
19	1.0	5.9	5.1	2.7	4.8	4.4	4.3	4.0	-0.4	4.5	9.0	6.3
20	0.9	5.9	5.1	2.6	4.8	4.5	4.3	3.9	-0.3	4.6	8.1	6.3
21	2.0	5.8	5.0	2.5	4.8	4.5	4.2	3.8	-0.4	4.7	7.6	6.1
22	2.6	5.7	4.8	2.1	4.8	4.6	4.2	3.9	-0.4	4.7	7.3	5.9
23	1.9	5.4	5.4	1.8	4.8	4.5	4.3	3.9	-0.4	4.8	7.2	5.8
24	2.8	5.5	5.8	1.6	4.8	4.5	4.3	3.9	-0.2	4.9	7.0	5.7
25	4.1	5.7	5.8	1.5	4.8	4.4	4.2	3.9	1.9	4.7	6.8	5.6
26	3.1	6.3	7.2	1.6	4.8	5.0	4.1	4.0	1.9	4.5	8.7	5.6
27	2.5	6.3	8.5	1.5	4.7	5.5	4.1	3.9	1.1	4.4	9.0	5.5
28	5.7	6.0	7.6	1.4	4.7	5.4	4.0	3.8	0.6	4.4	8.2	5.5
29	6.4		4.3	1.3	4.7	5.5	4.0	3.8	0.6	4.5	7.5	5.5
30	6.4		2.8	1.4	4.8	5.7	3.9	3.6	3.6	4.5	7.2	5.5
31	6.2		2.4		4.8		3.8	0.3		4.5		5.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.89	5.60	5.57	2.51	4.56	4.74	4.35	3.91	0.08	4.50	6.26	5.49
MAX.	7.0	6.3	8.5	6.5	8.0	5.7	5.6	4.7	3.6	4.9	10.0	10.3
MIN.	0.9	5.1	2.4	1.1	1.4	4.4	3.8	0.3	-0.4	4.2	4.4	2.2

HIGHEST STAGE WAS 10.69 ON DEC. 4.  
LOWEST STAGE WAS -0.42 ON SEP. 13.

DAILY STAGES FOR 1992

115

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

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DAILY EIGHT A. M. STAGE IN FEET												
GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.3	5.2	5.4	5.3	4.7	4.7	4.9	4.3	3.7	0.0	4.2	4.8
2	1.2	5.1	5.2	5.3	4.7	4.8	4.7	4.0	4.1	-0.1	4.2	4.8
3	1.2	5.0	5.0	5.3	4.7	5.1	4.6	3.2	4.1	-0.1	4.2	4.7
4	1.2	5.0	4.8	5.2	4.7	7.3	4.7	3.5	4.0	-0.1	4.3	4.7
5	1.1	5.0	4.8	5.1	4.7	7.6	4.8	3.8	3.9	-0.1	4.3	4.7
6	1.1	5.1	4.8	5.0	4.7	6.5	4.8	4.2	3.9	-0.1	4.3	4.7
7	1.1	5.1	4.8	4.8	4.6	7.4	6.4	4.2	4.0	-0.1	4.3	4.7
8	2.0	5.1	4.9	4.8	4.6	7.3	6.3	4.2	3.9	-0.1	4.3	4.7
9	4.9	5.1	4.8	4.8	4.7	6.7	5.8	4.1	4.0	-0.1	4.3	4.7
10	4.0	5.1	8.9	4.8	4.6	6.2	5.5	4.0	4.1	-0.2	4.3	4.8
11	3.0	5.1	9.0	4.9	4.6	6.0	5.2	4.7	4.1	-0.2	4.3	4.8
12	2.8	5.1	7.7	4.9	4.6	6.2	5.0	5.5	4.1	-0.2	4.4	4.8
13	2.7	5.1	7.1	4.9	4.5	6.0	4.7	5.2	4.1	-0.2	4.4	4.8
14	3.9	5.1	6.7	4.8	4.5	5.8	4.5	5.0	4.0	-0.2	4.5	4.7
15	4.1	5.3	6.3	4.8	4.5	5.5	4.4	4.9	4.0	-0.2	4.7	4.7
16	2.9	5.5	5.9	4.7	4.5	5.2	4.4	4.7	3.9	-0.2	4.7	4.7
17	2.5	5.6	5.3	4.7	4.5	4.8	4.5	4.5	1.2	-0.2	4.6	4.7
18	2.4	5.9	5.8	4.7	4.2	4.8	4.6	4.3	0.9	-0.2	4.5	4.7
19	2.2	5.9	7.7	4.9	4.3	4.7	4.6	4.2	3.8	-0.2	4.4	4.8
20	1.9	5.8	7.2	5.3	4.8	4.6	4.6	4.1	3.8	3.6	4.5	6.3
21	1.6	5.5	6.8	5.3	4.7	4.5	5.1	4.1	3.0	4.1	4.7	7.0
22	1.4	5.3	6.8	5.3	4.8	4.5	5.3	4.0	2.4	4.3	5.4	6.3
23	1.3	5.1	7.4	5.4	4.7	4.5	5.1	4.0	2.6	4.3	5.8	5.8
24	1.2	5.2	6.9	5.3	4.7	4.4	5.2	3.9	1.9	4.1	5.7	5.7
25	4.3	5.3	6.4	5.3	4.6	4.4	5.1	1.1	1.0	4.0	5.5	5.4
26	5.2	5.7	6.0	5.1	4.5	5.0	4.9	0.3	0.6	4.1	5.3	5.2
27	5.3	5.9	5.5	4.9	4.3	5.1	4.9	0.2	0.3	4.1	5.1	5.1
28	5.3	5.7	5.2	4.8	4.3	5.1	5.0	0.2	0.2	4.1	5.0	5.0
29	5.3	5.6	5.2	4.8	4.6	5.0	4.8	0.2	0.1	4.0	4.8	4.9
30	5.3		5.3	4.7	4.9	5.0	4.8	0.1	0.0	4.0	4.8	4.9
31	5.2		5.3		4.8		4.7	0.1		4.1		4.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	2.86	5.32	6.09	4.99	4.60	5.48	4.96	3.37	2.85	1.49	4.66	5.03
MAX.	5.3	5.9	9.0	5.4	4.9	7.6	6.4	5.5	4.1	4.3	5.8	7.0
MIN.	1.1	5.0	4.8	4.7	4.2	4.4	4.4	0.1	0.0	-0.2	4.2	4.7

HIGHEST STAGE WAS 9.38 ON MAR. 10.  
 LOWEST STAGE WAS -0.24 ON OCT. 14 AND SUBSEQUENT DAYS.

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.42 FOOT ON OCT. 3, 1990. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.2	1.8	1.7	5.7	11.0	6.5	6.4	4.4	0.2	-0.2	4.5	6.0
2	7.7	1.7	2.8	5.6	9.3	6.2	6.4	4.3	0.1	-0.2	4.2	7.7
3	6.4	1.6	2.5	5.6	7.4	5.9	6.3	4.3	0.0	-0.2	3.0	10.1
4	5.4	1.6	2.1	5.7	6.2	5.8	6.4	4.2	0.0	-0.2	2.2	8.1
5	4.4	1.6	2.1	5.8	5.0	5.7	6.8	4.0	0.4	-0.3	4.7	5.6
6	6.7	6.0	2.1	5.6	4.2	5.6	6.7	3.9	2.9	-0.3	4.8	4.1
7	11.1	6.3	1.9	5.5	3.5	5.7	6.4	4.0	1.7	-0.3	4.9	3.4
8	11.3	4.8	1.7	5.5	2.9	5.6	6.2	4.0	0.8	-0.3	4.9	3.0
9	10.6	4.0	1.5	5.5	5.6	5.4	6.0	3.8	0.5	-0.3	4.8	3.3
10	9.4	3.7	1.4	5.8	6.1	5.2	5.8	4.1	0.3	-0.3	4.8	5.0
11	9.6	3.3	1.3	5.4	6.0	5.1	5.8	2.4	0.2	-0.3	4.7	3.5
12	9.4	2.9	1.2	5.3	5.9	5.1	5.9	0.8	0.1	-0.3	4.7	2.4
13	8.2	2.9	1.2	7.7	7.9	5.1	6.1	0.4	0.0	-0.3	4.7	4.8
14	6.7	5.5	1.2	11.4	8.4	5.8	6.5	0.3	0.0	-0.3	4.7	6.7
15	5.6	4.5	1.1	12.2	8.1	6.6	6.4	0.2	0.0	-0.3	4.7	4.9
16	5.6	3.4	1.1	11.1	8.1	6.6	6.2	0.2	-0.1	-0.3	4.7	3.7
17	5.2	3.2	1.1	9.4	8.0	6.6	6.0	0.1	-0.1	-0.3	4.8	3.3
18	4.4	4.0	1.1	8.2	7.5	6.5	5.7	0.3	-0.1	-0.3	4.8	3.0
19	3.9	4.5	1.0	10.2	7.8	7.3	5.8	0.3	-0.1	-0.3	4.9	2.7
20	3.6	4.6	1.0	9.7	7.8	7.1	5.7	0.1	-0.2	-0.3	7.6	2.2
21	3.4	3.6	1.0	7.9	7.5	7.1	5.6	0.1	-0.2	-0.3	8.7	2.0
22	3.1	2.9	0.9	6.1	7.1	6.8	5.5	0.0	-0.2	-0.3	7.6	2.1
23	2.8	2.6	0.9	4.9	6.8	6.7	5.5	0.1	-0.2	-0.3	6.9	2.8
24	2.6	2.4	0.9	4.0	6.8	6.9	4.6	0.0	-0.2	-0.3	6.6	3.5
25	2.5	2.1	0.9	3.1	7.4	7.9	4.5	0.0	-0.1	-0.3	6.5	2.6
26	2.3	1.9	4.5	2.8	8.4	8.1	4.5	0.0	-0.2	-0.3	6.3	2.3
27	2.2	1.8	5.3	3.5	7.9	7.8	4.5	0.0	-0.2	-0.1	6.1	2.3
28	2.1	1.7	5.5	7.3	7.5	7.5	4.5	0.0	-0.2	-0.1	5.9	2.1
29	2.0		5.6	10.0	7.3	7.0	4.5	0.7	-0.2	0.1	5.7	1.8
30	2.0		5.7	11.7	7.0	6.4	4.5	0.9	-0.2	5.0	5.6	1.6
31	1.9		5.7		6.7		4.4	0.4		5.2		1.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.52	3.25	2.20	6.95	7.01	6.39	5.67	1.55	0.16	0.08	5.29	3.80
MAX.	11.3	6.3	5.7	12.2	11.0	8.1	6.8	4.4	2.9	5.2	8.7	10.1
MIN.	1.9	1.6	0.9	2.8	2.9	5.1	4.4	0.0	-0.2	-0.3	2.2	1.4

HIGHEST STAGE WAS 12.25 ON APR. 15.  
LOWEST STAGE WAS -0.34 ON OCT. 19 AND SUBSEQUENT DAYS.

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-0.1	6.2	2.6	7.8	6.8	6.7	4.6	0.1	-0.1	-0.4	0.2	0.1
2	-0.1	8.4	2.8	7.5	6.5	6.9	4.5	0.1	-0.2	-0.4	0.2	0.3
3	-0.1	10.0	2.6	7.3	9.0	8.4	4.3	0.1	-0.2	-0.4	0.1	0.5
4	0.0	9.6	2.4	7.1	8.1	7.8	4.3	0.0	-0.2	0.1	0.1	0.5
5	0.1	7.6	2.2	7.0	6.5	7.2	4.1	0.1	-0.3	0.7	0.2	0.4
6	0.1	5.6	2.1	6.8	5.0	6.8	4.0	0.1	-0.4	0.5	0.1	0.3
7	0.1	4.3	2.0	6.6	7.2	6.5	3.8	0.0	-0.4	0.5	0.1	0.2
8	0.0	3.5	7.2	6.4	7.4	6.3	3.7	0.0	-0.2	3.7	0.1	0.2
9	0.0	2.9	10.0	6.2	7.2	6.2	3.6	0.0	-0.3	5.8	0.1	0.2
10	-0.1	3.9	9.0	6.1	7.0	6.1	3.6	0.0	-0.3	8.4	0.1	0.2
11	-0.1	4.2	7.0	6.0	6.8	6.0	3.6	-0.1	-0.1	8.8	0.2	0.1
12	-0.1	3.2	5.4	5.9	6.6	5.9	3.6	-0.1	-0.1	7.9	0.1	0.1
13	-0.1	2.7	4.3	5.9	6.4	5.8	4.2	0.0	-0.1	8.5	0.1	0.1
14	-0.1	2.5	3.5	6.0	6.3	5.7	4.9	0.2	-0.1	8.5	0.1	0.1
15	-0.1	2.4	5.2	6.0	6.1	5.6	4.8	0.1	-0.2	8.3	0.0	0.1
16	-0.1	8.4	7.1	6.0	5.9	5.5	4.3	0.0	-0.2	7.8	0.0	0.1
17	-0.1	8.9	5.6	6.2	5.9	5.4	3.9	-0.1	-0.3	7.0	0.0	0.2
18	0.0	8.5	4.3	8.4	5.8	5.4	3.5	-0.1	-0.3	5.3	0.0	8.3
19	0.0	7.7	3.7	8.1	5.9	5.3	3.0	-0.1	-0.3	2.4	0.0	10.8
20	2.3	6.4	3.3	7.5	7.3	5.2	0.8	-0.2	-0.3	0.8	0.0	9.8
21	2.6	5.3	2.9	9.3	8.5	5.2	0.6	-0.2	-0.3	0.6	0.0	9.5
22	1.5	5.4	2.6	9.6	9.0	5.5	0.5	-0.1	-0.3	0.7	0.0	12.1
23	5.4	6.5	2.3	8.5	8.3	6.4	0.5	-0.1	-0.4	0.8	0.0	12.4
24	6.0	5.3	2.1	7.7	7.7	5.9	0.5	-0.1	-0.4	0.8	0.0	11.8
25	6.0	4.1	2.0	7.1	7.3	5.6	0.4	-0.1	-0.4	0.6	0.0	10.5
26	5.9	3.5	1.9	6.7	7.1	5.4	0.3	-0.1	-0.4	0.6	0.0	8.9
27	5.7	3.1	5.0	6.3	6.9	5.2	0.3	-0.1	-0.4	0.6	0.0	7.8
28	5.5	2.8	5.5	9.2	6.7	5.0	0.3	-0.2	-0.4	0.5	0.3	9.5
29	6.7		5.6	10.5	6.7	4.9	0.2	-0.2	-0.4	0.4	0.3	9.2
30	7.0		6.5	9.1	6.6	4.7	0.2	-0.1	-0.4	0.3	0.2	8.9
31	6.3		8.2		6.6		0.2	-0.1		0.3		10.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	1.95	5.46	4.43	7.29	6.93	5.95	2.61	-0.04	-0.27	2.89	0.08	4.63
MAX.	7.0	10.0	10.0	10.5	9.0	8.4	4.9	0.2	-0.1	8.8	0.3	12.4
MIN.	-0.1	2.4	1.9	5.9	5.0	4.7	0.2	-0.2	-0.4	-0.4	0.0	0.1

HIGHEST STAGE WAS 12.49 ON DEC. 22.  
LOWEST STAGE WAS -0.42 ON OCT. 3.

DAILY STAGES FOR 1989

113

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.9	6.3	8.8	8.4	5.3	4.6	7.3	3.2	0.3	0.4	-0.1	-0.1
2	4.2	6.1	8.2	7.8	5.2	4.5	8.5	3.2	0.2	0.3	-0.1	-0.1
3	3.6	9.4	7.8	7.5	5.1	4.4	8.8	3.2	0.1	0.1	-0.1	-0.1
4	3.0	10.9	7.5	9.3	5.1	4.3	8.5	3.0	0.1	0.0	-0.1	-0.1
5	2.6	10.4	8.5	9.4	5.2	5.1	8.2	2.9	0.0	0.0	-0.1	-0.1
6	5.8	10.4	11.0	8.5	5.2	4.9	8.0	2.8	0.1	0.0	0.0	-0.1
7	6.3	6.5	10.0	8.0	5.0	4.7	7.8	2.5	0.0	0.0	0.0	-0.1
8	6.4	5.3	8.4	7.7	4.9	4.7	7.5	0.5	0.0	0.0	0.1	-0.1
9	6.6	4.8	6.8	7.5	5.0	4.7	7.1	0.4	0.0	-0.1	0.0	-0.1
10	6.6	4.3	5.7	7.3	5.2	4.7	6.7	0.4	0.0	-0.1	-0.1	-0.1
11	6.6	3.8	5.0	7.1	5.2	4.5	5.4	0.3	0.0	-0.1	-0.1	-0.1
12	8.3	6.2	4.4	6.9	5.1	4.5	4.7	0.3	0.0	-0.2	0.3	-0.1
13	10.9	7.1	3.9	6.7	5.0	6.8	4.5	0.3	0.0	-0.2	0.3	-0.1
14	9.9	10.8	3.6	6.6	4.9	7.9	4.4	0.3	0.1	-0.2	0.2	-0.1
15	10.0	12.7	3.3	6.5	4.9	9.5	4.2	0.3	0.0	-0.2	0.1	-0.1
16	8.9	13.4	3.0	6.4	4.9	10.0	4.1	0.2	0.1	-0.2	0.0	-0.1
17	7.3	13.4	2.8	6.2	4.9	10.2	4.1	0.2	0.1	-0.1	0.0	-0.1
18	8.3	13.3	2.7	6.1	4.8	10.2	4.0	0.2	0.0	-0.1	-0.1	-0.1
19	8.2	12.8	2.6	6.0	4.8	10.2	4.1	0.2	0.0	3.4	-0.1	-0.1
20	6.0	11.9	2.5	5.8	4.8	8.8	4.1	0.2	-0.1	4.0	0.0	-0.1
21	4.0	13.1	2.6	5.8	4.9	9.2	4.1	0.1	-0.1	3.9	0.1	-0.2
22	3.1	13.0	2.8	5.7	5.2	9.1	3.9	0.1	-0.1	3.9	0.1	-0.1
23	2.7	12.3	2.8	5.6	6.4	8.9	3.8	0.1	0.0	3.8	0.0	-0.1
24	2.5	11.0	5.7	5.5	6.0	8.7	3.7	0.2	-0.1	3.7	0.0	-0.1
25	2.3	9.6	6.6	5.4	5.4	8.5	3.6	0.2	-0.1	3.7	0.0	-0.1
26	2.3	10.0	6.6	5.3	5.1	8.2	3.4	0.2	-0.1	3.7	-0.1	-0.1
27	3.4	9.8	6.4	5.3	5.2	8.0	3.3	0.2	-0.1	3.7	-0.1	-0.1
28	3.1	9.3	6.3	5.3	5.6	8.5	3.2	0.2	-0.2	0.6	-0.1	-0.1
29	2.8		7.6	5.3	5.5	8.0	3.1	0.2	-0.1	0.0	-0.1	-0.1
30	5.5		8.5	5.3	5.2	7.5	3.1	0.5	0.3	-0.1	-0.1	-0.1
31	6.3		8.8		4.7		3.3	0.4		-0.1		0.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.57	9.56	5.84	6.66	5.15	7.13	5.18	0.87	0.01	1.08	-0.01	-0.11
MAX.	10.9	13.4	11.0	9.4	6.4	10.2	8.8	3.2	0.3	4.0	0.3	0.0
MIN.	2.3	3.8	2.5	5.3	4.7	4.3	3.1	0.1	-0.2	-0.2	-0.1	-0.2

HIGHEST STAGE WAS 13.50 ON FEB. 16.  
 LOWEST STAGE WAS -0.19 ON OCT. 15 AND 16.

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

## DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.1	6.4	5.5	6.7	4.8	4.5	0.2	4.9	E 0.7	6.3	4.4	5.2
2	11.1	7.0	5.6	6.9	4.5	4.5	E 0.7	4.6	E 1.0	6.6	4.4	4.3
3	10.1	9.9	5.8	6.9	4.6	4.4	E 1.2	4.7	E 1.4	6.8	4.4	3.6
4	8.9	8.3	5.8	6.9	4.8	4.3	E 1.7	4.8	E 1.7	6.9	4.3	3.2
5	7.6	6.3	5.7	6.7	4.8	4.3	E 2.1	4.8	E 2.1	6.9	4.4	2.7
6	6.3	5.0	5.6	6.5	4.7	4.2	3.4	4.8	3.6	6.7	4.4	2.4
7	5.0	4.2	5.6	6.2	4.7	4.3	4.1	4.9	5.7	6.5	4.4	2.2
8	3.5	3.8	5.5	6.0	4.7	4.4	4.1	4.6	6.0	6.2	4.5	2.0
9	3.2	6.8	6.5	5.7	4.7	4.5	4.0	4.4	5.8	6.0	4.5	1.9
10	3.0	7.1	7.0	5.5	4.6	4.5	3.8	4.3	5.8	6.0	4.5	1.8
11	2.7	7.0	6.9	5.4	4.6	4.5	3.4	4.3	4.5	5.9	4.4	1.7
12	2.5	6.9	6.9	5.4	4.6	4.4	0.6	4.2	4.2	5.7	4.3	1.6
13	2.4	6.7	6.8	5.4	4.7	4.4	5.9	4.2	4.3	5.9	4.3	1.5
14	2.3	6.5	6.6	5.3	4.7	4.3	8.3	4.1	4.4	5.8	4.3	1.5
15	2.2	6.5	6.4	5.3	4.7	4.3	7.9	4.0	6.0	5.8	4.3	1.4
16	2.1	6.5	6.2	5.2	4.6	4.3	7.2	3.9	6.3	5.7	4.3	1.3
17	6.0	6.3	5.8	5.2	4.6	4.3	5.6	0.8	6.2	5.6	4.3	1.3
18	7.3	6.2	5.7	5.3	4.6	4.3	5.0	0.3	6.1	4.5	4.5	1.2
19	8.1	6.5	5.6	5.4	4.5	4.2	4.9	E 0.3	6.0	4.4	9.6	1.2
20	10.4	6.8	5.7	5.4	4.6	4.2	5.0	E 0.2	4.6	4.4	12.2	1.3
21	8.8	6.5	5.8	5.6	4.6	4.2	5.1	E 0.2	4.3	4.4	12.4	1.3
22	7.0	6.3	5.7	5.6	4.6	4.1	5.1	E 0.2	4.2	4.3	11.7	1.3
23	5.5	6.2	5.6	5.5	4.7	4.1	6.6	E 0.2	4.2	4.2	10.3	1.4
24	4.7	6.2	5.5	5.4	4.8	4.1	6.7	E 0.1	5.3	4.3	8.6	2.6
25	4.1	6.0	5.5	5.2	4.8	4.0	6.8	E 0.1	4.9	4.3	7.0	2.7
26	3.5	5.8	5.4	5.2	4.7	4.0	7.9	E 0.1	5.8	4.3	6.6	2.3
27	3.0	5.6	5.4	5.2	4.6	3.9	7.6	E 0.1	6.0	4.3	9.9	2.0
28	6.2	5.6	5.4	5.1	4.6	3.9	7.2	E 0.1	5.9	4.3	9.5	7.1
29	6.6	5.5	5.3	4.9	4.6	3.8	7.1	E 0.0	6.0	4.3	8.0	9.1
30	6.5		5.4	4.9	4.5	0.6	6.8	0.0	6.0	4.3	6.5	7.7
31	6.4		5.8		4.5		6.5	E 0.3		4.4		5.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.78	6.35	5.88	5.66	4.65	4.13	4.92	2.41	4.63	5.35	6.38	2.80
MAX.	12.1	9.9	7.0	6.9	4.8	4.5	8.3	4.9	6.3	6.9	12.4	9.1
MIN.	2.1	3.8	5.3	4.9	4.5	0.6	0.2	0.0	0.7	4.2	4.3	1.2

E- ESTIMATED.

HIGHEST STAGE WAS 12.45 ON NOV. 20 AND 21.

LOWEST STAGE WAS 0.00 ON AUG. 30.

DAILY STAGES FOR 1987

113

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET.

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.7	5.0	10.9	5.1	4.7	5.3	4.5	4.4	E 0.0	-0.2	-0.2	A
2	0.7	5.5	9.9	5.0	4.7	5.0	4.8	4.4	E 0.0	-0.2	-0.2	A
3	0.7	5.6	7.8	5.0	4.8	4.8	5.2	4.3	E 0.0	-0.2	-0.2	A
4	0.7	5.3	5.8	5.1	4.8	4.9	7.7	4.3	E 0.0	-0.2	-0.2	A
5	0.7	5.1	4.4	5.1	4.7	4.8	8.3	4.3	E -0.1	-0.2	-0.2	A
6	0.6	5.1	3.4	5.1	4.6	4.8	9.0	4.6	E -0.1	-0.2	-0.2	A
7	0.6	5.1	2.8	5.1	4.6	4.7	8.2	4.6	E -0.1	-0.2	E 0.1	0.8
8	0.6	5.1	2.4	5.0	4.5	4.5	7.5	4.4	E -0.1	-0.2	E 0.4	0.7
9	0.6	5.0	2.0	4.9	4.5	4.4	7.8	4.4	E -0.1	-0.2	E 0.8	0.7
10	0.7	5.0	1.8	4.9	4.5	4.4	7.6	4.2	E -0.1	-0.2	E 1.1	0.6
11	0.7	5.0	1.6	4.8	4.7	4.4	7.2	4.2	E -0.1	-0.2	E 1.4	0.6
12	0.7	4.9	1.5	4.8	4.6	4.3	6.6	4.3	E -0.2	-0.2	E 1.8	0.5
13	0.6	4.9	4.5	4.8	4.7	4.4	6.5	4.3	E -0.2	-0.2	E 2.1	0.5
14	4.3	5.0	5.0	5.8	4.7	4.3	6.4	4.3	E -0.2	-0.2	E 2.4	1.7
15	5.3	5.0	5.0	5.9	4.8	1.3	6.2	4.3	E -0.2	-0.2	E 2.8	5.3
16	5.3	5.1	5.1	5.9	4.9	1.1	4.9	4.2	-0.1	-0.2	E 3.1	5.5
17	5.1	5.2	5.1	5.9	5.2	1.1	4.6	4.2	-0.1	-0.2	E 3.4	4.2
18	4.9	5.4	6.4	5.8	5.2	0.9	4.5	4.2	-0.1	-0.2	E 3.7	3.4
19	4.8	5.6	6.8	5.5	5.0	0.7	4.5	4.3	-0.1	-0.2	4.1	2.9
20	4.9	5.6	6.4	5.3	4.9	0.9	4.4	4.2	-0.1	-0.2	A	2.9
21	5.0	5.5	6.0	5.1	4.7	1.1	4.5	1.5	-0.1	-0.2	A	2.5
22	5.0	5.3	5.8	5.0	4.6	1.1	4.5	0.3	-0.1	-0.2	A	1.9
23	5.0	5.3	5.6	4.9	4.8	1.1	4.4	0.2	-0.2	-0.2	A	1.5
24	4.9	5.3	5.4	4.9	4.8	1.0	4.4	0.1	-0.2	-0.2	A	2.2
25	4.9	5.2	5.2	4.9	5.9	4.7	4.6	0.1	-0.2	-0.2	A	10.4
26	4.9	5.1	5.1	4.8	6.2	5.0	4.6	0.1	-0.2	-0.1	A	13.2
27	4.8	7.7	5.1	4.9	5.4	4.9	4.6	0.0	-0.2	-0.2	A	14.4
28	4.9	9.2	5.1	4.8	4.9	4.6	4.7	0.1	-0.2	-0.2	A	14.8
29	5.0		5.1	4.8	4.6	4.5	4.6	0.0	-0.2	-0.2	A	14.6
30	5.0		5.1	4.8	4.5	4.5	4.4	0.0	-0.2	-0.2	A	14.0
31	5.0		5.1		4.5		4.4	0.0		-0.2		13.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.15	5.43	5.07	5.12	4.84	3.45	5.68	2.87	-0.12	-0.19		
MAX.	5.3	9.2	10.9	5.9	6.2	5.3	9.0	4.6	0.0	-0.1		
MIN.	0.6	4.9	1.5	4.8	4.5	0.7	4.4	0.0	-0.2	-0.2		

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 14.79 ON DEC. 28.

LOWEST STAGE WAS NOT DETERMINED.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.3	5.2	5.6	5.1	7.0	9.3	7.0	5.0	0.0	-0.1	0.0	5.0
2	1.3	5.2	5.5	5.1	7.0	9.1	6.9	4.7	0.0	-0.1	0.0	1.9
3	1.1	5.3	5.5	5.1	7.0	8.8	6.9	4.7	0.0	-0.1	-0.1	0.7
4	1.1	5.8	5.5	5.1	7.0	8.9	6.8	4.6	0.0	-0.1	-0.1	0.6
5	1.0	6.6	5.4	6.2	7.0	9.9	6.8	4.5	0.0	-0.1	0.1	0.5
6	1.0	6.8	5.3	7.6	6.9	10.1	6.7	4.4	0.0	-0.1	0.1	0.5
7	1.0	7.3	5.2	6.6	6.8	9.0	6.7	1.4	0.0	-0.2	0.2	0.4
8	0.9	7.1	5.2	6.7	6.7	8.3	6.7	0.6	-0.1	-0.2	5.3	0.9
9	0.9	7.0	5.2	7.6	6.6	8.8	6.7	0.6	-0.1	-0.2	6.8	3.7
10	1.0	8.6	5.1	8.8	7.0	8.4	6.6	0.6	-0.1	-0.2	7.2	8.5
11	1.0	9.0	5.2	8.9	7.4	8.5	5.4	0.5	-0.1	-0.2	7.6	9.3
12	1.0	8.9	8.7	8.8	8.3	8.3	4.9	0.4	-0.1	-0.1	7.5	9.2
13	0.9	8.8	8.9	8.3	8.1	8.9	4.8	0.4	-0.1	0.8	6.6	9.1
14	0.9	8.6	6.4	7.8	7.8	9.2	4.7	0.3	-0.1	0.7	6.0	9.0
15	0.9	8.6	4.4	7.4	7.9	9.3	4.8	0.3	-0.1	0.4	5.7	8.6
16	5.3	8.7	3.2	7.3	8.2	9.2	4.8	0.3	-0.1	0.5	5.4	7.9
17	5.7	8.6	2.6	7.2	8.3	9.0	4.8	0.4	-0.1	0.5	5.2	6.1
18	5.6	8.7	6.0	7.2	8.9	8.8	4.8	0.3	0.0	0.3	5.1	2.5
19	5.6	8.7	6.5	7.1	9.5	8.6	4.7	0.3	-0.1	0.2	5.1	1.3
20	5.5	8.7	6.2	7.1	9.4	8.3	4.6	0.3	0.0	0.1	5.0	1.1
21	5.5	8.5	6.0	7.1	9.2	8.0	4.6	0.2	0.0	0.0	5.0	1.0
22	5.5	8.1	5.8	7.0	9.1	7.5	4.6	0.2	-0.1	-0.1	4.9	0.9
23	5.4	7.6	5.7	7.2	9.3	7.4	4.6	0.2	0.1	-0.1	4.9	0.9
24	5.3	7.0	5.6	7.4	9.3	7.3	4.6	0.2	0.0	0.1	4.9	1.0
25	5.3	6.9	5.4	7.3	10.2	7.3	4.6	0.2	-0.1	0.2	4.8	0.9
26	5.3	6.9	5.4	7.0	10.4	7.1	4.5	0.1	-0.1	0.3	5.5	0.9
27	5.2	6.8	5.1	7.0	9.8	7.1	4.7	0.0	-0.1	0.1	5.4	0.8
28	5.1	6.6	5.2	7.2	8.2	7.1	4.9	0.0	-0.1	0.0	5.1	0.9
29	5.2		5.2	7.2	8.5	7.3	4.8	0.0	-0.1	0.1	5.0	0.9
30	5.3		5.2	7.1	8.1	7.2	5.7	0.0	-0.1	0.1	5.0	0.9
31	5.2		5.1		9.2		6.4	0.0		0.0		0.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.28	7.51	5.53	7.08	8.19	8.39	5.48	1.16	-0.06	0.08	4.31	3.13
MAX.	5.7	9.0	8.9	8.9	10.4	10.1	7.0	5.0	0.1	0.8	7.6	9.3
MIN.	0.9	5.2	2.6	5.1	6.6	7.1	4.5	0.0	-0.1	-0.2	-0.1	0.4

HIGHEST STAGE 10.45 ON MAY 26.  
 LOWEST STAGE WAS -0.18 ON OCT. 9 AND SUBSEQUENT DAYS.

DAILY STAGES FOR 1985

113

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.0	7.6	3.6	7.2	9.9	7.7	7.7	4.8	6.5	0.3	7.2	E 4.7
2	9.3	7.4	3.3	7.0	9.7	7.6	7.3	4.6	6.3	0.3	8.0	E 4.2
3	8.9	7.4	3.1	7.0	9.1	7.5	7.0	4.6	5.9	0.3	7.9	E 3.8
4	8.7	7.4	2.9	7.0	8.6	7.5	6.8	4.6	6.0	0.2	7.8	E 3.4
5	8.5	7.1	3.0	6.9	8.3	7.4	6.6	4.6	6.2	0.2	6.0	E 2.9
6	8.4	7.0	2.8	7.0	8.1	7.4	6.7	4.8	6.3	0.2	5.3	2.4
7	8.2	6.8	2.6	6.9	7.9	7.4	6.6	4.8	6.4	0.2	5.1	2.0
8	8.6	6.7	2.5	6.9	9.5	7.4	6.6	4.8	6.5	0.1	5.0	1.7
9	8.5	6.6	2.4	6.9	9.8	7.3	6.5	4.7	6.7	0.1	4.8	1.5
10	8.5	6.6	2.3	6.9	8.3	7.3	5.3	4.7	6.7	0.1	4.7	1.4
11	8.4	9.2	2.3	6.8	7.5	7.3	5.0	4.8	7.0	0.1	5.0	1.7
12	8.2	10.0	2.3	6.7	8.7	7.3	4.8	4.8	6.7	0.1	5.1	2.2
13	8.0	9.4	2.2	6.6	9.1	7.5	4.8	4.6	6.2	0.1	5.2	2.0
14	7.8	9.2	2.2	6.6	9.1	7.4	4.8	4.5	4.9	0.1	5.2	1.8
15	7.7	8.0	2.1	6.7	9.1	7.2	4.7	4.7	4.7	0.1	1.9	1.8
16	7.5	5.7	2.0	6.7	9.0	7.3	4.8	6.0	4.6	0.1	1.3	E 1.7
17	7.5	4.5	2.0	6.7	8.9	7.0	4.8	6.3	4.5	0.1	1.2	E 1.6
18	7.4	4.0	2.0	6.8	8.6	7.0	4.7	5.8	4.5	0.1	1.4	E 1.5
19	7.3	4.2	1.9	6.8	8.3	7.1	4.7	5.4	4.4	0.3	1.3	E 1.5
20	7.2	4.4	1.8	6.7	8.0	7.4	4.7	5.1	4.2	0.3	1.2	E 1.4
21	7.2	4.0	1.8	6.6	7.7	7.5	4.7	4.8	4.2	0.3	1.0	E 1.4
22	7.0	3.8	6.2	6.6	9.1	7.1	4.6	4.7	4.2	0.3	0.9	E 1.4
23	7.0	3.6	6.5	6.7	8.8	7.4	4.7	4.7	1.0	4.4	0.9	E 1.4
24	7.0	6.4	6.5	9.9	7.9	7.7	4.6	4.7	0.5	6.6	0.9	E 1.4
25	6.8	6.2	6.4	9.6	9.0	7.7	4.6	4.7	0.4	7.2	7.9	E 1.4
26	6.9	4.9	6.3	8.8	9.1	7.6	4.7	4.9	0.5	6.8	10.1	E 1.4
27	6.9	4.2	6.2	9.5	9.0	7.2	4.9	5.1	0.4	6.5	8.4	E 1.4
28	6.9	3.9	6.1	10.2	8.5	7.3	5.0	6.6	0.3	5.1	6.2	E 1.4
29	6.9		6.0	7.8	8.1	7.9	4.8	7.0	0.3	4.7	5.4	E 1.4
30	6.8		5.9	8.4	8.0	8.0	4.8	6.8	0.3	4.6	E 5.1	E 1.4
31	7.6		7.1		7.8		4.8	6.5		6.2		E 1.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	7.75	6.29	3.70	7.36	8.65	7.41	5.38	5.14	4.24	1.80	4.57	1.94
MAX.	9.3	10.0	7.1	10.2	9.9	8.0	7.7	7.0	7.0	7.2	10.1	4.7
MIN.	6.8	3.6	1.8	6.6	7.5	7.0	4.6	4.5	0.3	0.1	0.9	1.4

E- ESTIMATED.

HIGHEST STAGE WAS 10.21 ON APR 28.

LOWEST STAGE WAS 0.05 ON OCT 18.

DAILY STAGES FOR 1984

113

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	3.8	6.4	4.5	6.5	5.5	8.5	4.7	0.3	1.1	3.9	9.7	9.7
2	3.6	6.1	5.2	6.4	5.8	8.4	4.7	0.3	4.2	4.6	10.9	9.7
3	1.3	5.8	5.2	9.0	7.4	8.1	4.6	0.2	3.8	4.6	9.8	9.6
4	1.4	5.7	5.2	9.9	8.6	7.8	4.6	0.2	3.9	3.6	9.8	9.5
5	2.1	5.6	9.0	9.0	8.1	7.3	4.5	0.2	3.8	3.6	10.0	10.0
6	2.8	5.6	9.2	8.3	8.4	5.6	4.5	0.9	3.3	3.7	9.9	9.6
7	2.8	5.5	8.4	7.9	9.4	5.2	4.6	6.5	3.2	4.6	9.8	9.3
8	2.6	5.4	7.7	7.4	10.8	4.9	4.9	6.6	2.8	6.8	9.7	9.0
9	2.4	5.3	7.2	8.4	9.9	5.0	5.0	5.6	3.8	8.2	9.5	8.8
10	2.7	5.3	6.8	8.4	8.2	5.0	6.5	5.0	7.5	8.8	10.7	8.6
11	2.5	5.3	6.3	7.7	6.5	4.9	6.7	5.8	7.9	8.8	9.9	8.3
12	2.0	5.4	6.0	7.2	7.5	5.0	6.7	5.1	7.0	7.5	9.7	8.0
13	1.8	8.1	5.8	7.0	7.5	5.0	6.5	4.7	6.3	5.7	9.4	7.9
14	1.7	7.7	5.6	6.8	7.3	5.2	6.0	4.6	5.8	5.1	9.0	8.1
15	1.5	7.2	5.5	6.6	7.0	5.1	4.8	2.1	5.5	5.0	8.6	4.9
16	1.5	7.0	6.8	6.4	6.8	5.1	4.7	0.8	5.2	5.1	8.1	2.7
17	1.4	6.8	7.7	6.3	6.7	5.0	4.6	0.8	5.0	5.8	7.7	2.2
18	1.3	6.6	8.9	6.2	6.6	5.1	4.6	0.6	4.8	7.1	8.0	2.1
19	1.1	6.4	8.4	6.1	8.4	5.0	4.5	0.6	4.6	8.9	10.4	2.5
20	1.1	6.1	8.9	5.9	8.7	4.9	4.5	0.6	3.8	9.8	10.5	3.5
21	1.1	6.0	8.3	5.8	8.6	5.0	4.5	0.5	3.5	11.3	10.2	6.9
22	1.1	5.8	7.6	5.7	8.4	4.9	4.5	0.4	3.5	11.4	9.9	6.8
23	1.2	5.7	7.2	5.7	8.0	4.8	4.5	0.5	3.5	10.4	9.6	5.6
24	4.8	5.5	6.9	5.6	6.4	4.8	4.4	0.7	5.7	10.0	9.8	4.7
25	6.1	5.5	6.8	5.5	5.9	4.8	4.4	0.5	5.8	10.1	9.6	4.3
26	5.3	5.5	6.6	5.4	5.7	4.8	4.3	0.4	5.8	9.8	8.8	3.9
27	4.6	5.6	6.5	5.3	5.6	4.7	4.2	0.3	5.7	10.2	9.3	3.5
28	6.7	2.8	7.5	5.5	5.8	4.7	4.2	0.3	5.2	10.3	9.9	3.4
29	7.2	1.6	7.3	5.7	7.6	4.7	4.2	0.2	4.8	10.2	9.8	7.2
30	7.1		6.8	5.5	8.4	4.7	4.1	0.2	4.0	10.0	9.7	7.7
31	6.8		6.5		8.6		0.7	0.6		9.8		7.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.00	5.76	6.98	6.77	7.54	5.46	4.72	1.80	4.68	7.57	9.58	6.64
MAX.	7.2	8.1	9.2	9.9	10.8	8.5	6.7	6.6	7.9	11.4	10.9	10.0
MIN.	1.1	1.6	4.5	5.3	5.5	4.7	0.7	0.2	1.1	3.6	7.7	2.1

HIGHEST STAGE WAS 11.49 ON OCT. 21.  
 LOWEST STAGE WAS 0.16 ON AUG. 30.

DAILY STAGES FOR 1983

111

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).  
DAILY EIGHT A. M. STAGE IN FEET GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	E	6.5	6.8	5.3	5.2	10.7	6.8	4.9	4.3	0.0	-0.2	-0.3	2.3
2	E	6.5	7.5	5.3	5.1	10.0	6.7	4.9	4.3	2.4	-0.2	-0.3	2.2
3	E	6.5	7.7	5.2	5.2	10.3	6.6	5.0	4.3	2.3	-0.2	-0.3	9.0
4	E	6.5	7.4	5.2	5.2	10.7	8.4	4.9	1.9	2.3	-0.2	-0.2	10.2
5	E	6.5	7.2	4.0	6.2	9.6	8.7	4.9	0.8	2.2	-0.2	-0.2	8.8
6	E	6.5	7.3	3.7	7.5	7.8	8.8	4.8	0.6	2.1	-0.2	-0.2	7.6
7	E	6.5	7.2	5.6	8.1	6.1	7.2	4.8	0.5	2.1	-0.2	-0.2	6.7
8	E	6.5	6.8	6.2	8.7	4.9	6.5	4.8	0.5	0.1	-0.2	-0.1	5.2
9	E	6.5	6.6	6.3	9.2	7.3	6.3	4.8	0.5	0.0	-0.2	-0.1	4.1
10	E	6.5	6.4	6.1	8.6	7.5	7.7	4.7	4.0	0.0	-0.3	-0.2	3.4
11	E	6.5	6.2	5.8	7.9	7.4	8.1	4.6	4.2	0.0	-0.3	-0.2	3.9
12	E	6.5	5.9	5.6	7.3	9.2	8.1	4.5	3.0	-0.1	-0.1	-0.2	4.3
13	E	6.5	5.8	5.4	7.0	10.6	7.9	4.6	3.0	-0.1	-0.2	-0.2	3.5
14	E	6.5	5.7	5.2	8.0	9.7	7.7	4.6	3.1	-0.1	-0.2	-0.2	3.0
15		6.5	5.6	5.2	8.7	11.5	7.5	4.6	3.1	-0.1	-0.2	-0.1	2.9
16		6.5	5.6	5.2	8.3	13.0	7.5	4.6	3.1	-0.1	-0.2	-0.2	2.6
17		6.4	5.4	5.2	8.0	12.4	7.6	4.6	3.1	-0.1	-0.2	-0.2	2.3
18		6.4	5.3	5.2	7.8	10.8	7.5	5.0	3.5	-0.1	-0.1	-0.2	2.0
19		6.3	5.3	5.2	7.4	12.4	7.2	4.8	3.4	-0.2	-0.1	-0.2	1.7
20		6.2	5.3	5.3	7.1	12.5	5.7	4.7	3.2	-0.1	-0.2	0.9	1.4
21		6.3	5.4	5.3	6.9	11.3	5.3	4.6	2.9	0.0	-0.2	0.9	1.5
22		6.2	5.4	5.2	6.7	10.1	5.2	4.5	2.7	-0.1	-0.1	0.6	3.7
23		6.3	5.5	5.1	6.8	8.8	5.2	4.5	2.3	-0.1	-0.2	3.4	4.1
24		6.3	5.5	5.0	10.3	7.2	5.1	4.5	2.3	-0.1	-0.2	8.1	E 3.6
25		6.4	5.5	5.0	9.7	5.8	4.9	4.5	2.3	-0.1	-0.2	7.0	E 3.3
26		6.4	5.5	5.1	8.8	4.7	4.9	4.5	2.2	-0.1	-0.2	4.7	E 3.0
27		6.6	5.4	5.1	8.0	7.7	5.0	4.5	1.8	-0.2	-0.2	3.6	E 2.6
28		6.6	5.3	5.1	7.4	7.5	5.1	4.5	0.2	-0.2	-0.2	4.8	E 2.3
29		6.6		5.1	6.8	7.3	5.1	4.4	0.1	-0.2	-0.2	3.9	E 2.0
30		6.8		5.2	6.5	7.1	5.0	4.4	0.1	-0.2	-0.3	2.8	E 1.6
31		6.5		5.3		6.9		4.4	0.1		-0.3		2.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	6.46	6.09	5.24	7.47	9.00	6.64	4.66	2.31	0.37	-0.20	1.24	3.78
MAX.	6.8	7.7	6.3	10.3	13.0	8.8	5.0	4.3	2.4	-0.1	8.1	10.2
MIN.	6.2	5.3	3.7	5.1	4.7	4.9	4.4	0.1	-0.2	-0.3	-0.3	1.4

E- ESTIMATED.

HIGHEST STAGE WAS 13.02 ON MAY 16.

LOWEST STAGE WAS -0.26 ON OCT. 10.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP CUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.6	9.6	6.2	5.1	5.8	6.5	6.2	1.2	4.1	4.7	0.4	3.6
2	0.6	7.7	6.2	5.1	5.7	6.8	6.7	1.1	4.3	4.6	0.4	3.1
3	1.0	5.9	6.1	6.0	5.6	7.2	7.0	1.0	4.4	4.7	0.3	2.6
4	1.9	5.2	6.1	7.1	5.5	7.5	6.5	1.0	4.7	4.7	0.3	8.1
5	2.0	4.4	6.1	6.8	5.4	7.1	6.2	0.9	4.6	4.6	0.3	9.0
6	2.0	3.8	6.0	6.7	5.2	6.4	5.9	0.9	4.4	4.6	0.3	7.3
7	2.0	3.3	5.9	6.3	5.2	6.0	5.6	1.0	4.5	4.7	0.3	5.5
8	1.7	3.0	5.8	6.2	5.3	5.8	5.4	1.0	4.5	4.6	0.3	4.4
9	1.4	5.4	5.7	7.6	5.5	5.7	5.4	1.0	4.5	4.7	0.3	3.8
10	1.1	5.7	5.6	7.0	5.6	5.8	5.4	1.3	4.6	4.6	0.3	3.2
11	0.9	4.8	5.5	5.5	5.7	5.7	5.5	1.1	4.6	4.6	0.3	2.9
12	0.9	4.2	5.4	3.6	5.4	5.7	5.6	0.9	4.6	4.7	0.3	6.0
13	0.9	3.8	5.3	2.9	5.1	5.7	5.5	0.8	4.9	4.7	0.3	6.6
14	0.9	3.4	5.3	2.5	5.0	5.6	5.4	1.1	4.8	4.6	0.3	6.6
15	0.9	3.1	5.4	4.8	5.1	5.5	5.3	1.3	4.7	4.6	0.3	7.1
16	0.7	6.3	5.6	7.9	5.0	6.3	5.3	1.6	4.7	4.6	0.3	8.4
17	0.7	6.8	5.8	8.8	4.9	6.9	5.7	1.4	4.7	4.5	0.3	5.4
18	0.7	7.0	3.0	7.5	5.1	6.5	5.9	1.1	4.7	4.5	0.3	3.7
19	4.0	7.0	2.2	5.6	5.3	6.2	5.6	0.9	4.6	4.6	0.3	6.6
20	4.8	6.9	5.2	7.2	5.4	5.9	5.3	0.8	4.6	4.7	1.2	7.0
21	6.4	6.9	5.8	7.1	5.5	5.7	5.3	0.7	4.6	4.7	5.0	6.8
22	7.3	6.8	5.8	6.6	5.5	5.6	5.1	0.7	4.6	4.7	3.9	6.6
23	9.0	6.6	5.6	6.2	5.5	5.5	5.0	0.7	4.6	4.7	3.0	A
24	9.3	6.5	5.3	6.1	5.4	5.4	4.9	0.7	4.6	4.6	5.7	A
25	8.7	6.4	5.2	5.8	5.8	5.3	4.9	0.7	4.7	4.6	4.1	A
26	8.1	6.3	5.2	5.9	6.5	5.5	4.8	0.7	4.7	4.6	2.7	A
27	7.7	6.3	5.1	5.9	7.9	5.7	4.8	0.6	4.7	4.4	2.3	A
28	7.4	6.3	5.1	5.9	7.7	5.8	4.6	0.6	4.7	1.1	6.6	A
29	7.1		5.1	5.9	7.0	6.1	2.1	0.6	4.7	0.5	6.6	A
30	7.1		5.0	5.8	6.4	6.0	1.2	0.6	4.7	0.4	4.7	A
31	9.2		5.0		6.3		1.1	0.6		0.4		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	3.77	5.68	5.36	6.04	5.68	6.04	5.14	0.91	4.59	4.10	1.71	
MAX.	9.3	9.6	6.2	8.8	7.9	7.5	7.0	1.6	4.9	4.7	6.6	
MIN.	0.6	3.0	2.2	2.5	4.9	5.3	1.1	0.6	4.1	0.4	0.3	

A- NO RECORD.

HIGHEST STAGE WAS 10.12 ON JAN 31.  
 LOWEST STAGE WAS 0.25 ON NOV 13.

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF U. S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A. M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.9	0.8	1.1	5.3	5.1	11.4	5.3	5.4	5.3	0.5	0.7	0.8
2	0.8	1.3	1.1	5.3	5.1	10.9	5.7	5.2	5.7	0.5	0.7	0.7
3	0.8	1.2	4.1	5.3	5.1	9.7	7.4	5.1	5.7	0.5	0.6	0.6
4	0.8	1.3	5.1	5.4	5.0	8.1	7.0	5.1	5.5	0.5	1.1	0.7
5	0.8	1.6	6.2	6.9	5.0	8.7	6.2	4.9	5.3	0.5	0.9	0.8
6	0.8	1.5	6.1	6.2	5.0	11.9	5.8	4.9	5.0	0.5	0.8	0.8
7	0.8	1.3	6.1	5.9	4.9	13.0	5.8	5.0	4.8	0.4	0.9	0.7
8	0.8	1.1	6.0	5.6	4.9	12.9	6.0	5.1	4.6	0.4	1.0	0.6
9	0.8	1.0	5.6	5.2	4.8	12.4	6.1	5.0	4.6	0.4	0.9	0.6
10	0.7	1.1	5.4	5.1	4.7	11.5	6.8	5.0	4.5	0.4	0.8	0.6
11	0.7	2.7	5.3	5.2	5.0	10.6	5.7	4.9	1.7	0.4	0.7	0.6
12	0.7	1.9	5.2	5.2	5.5	9.1	5.4	4.8	1.0	0.4	0.7	0.6
13	0.7	1.5	5.1	5.1	5.7	9.2	4.9	4.8	1.0	0.4	0.6	0.6
14	0.7	1.6	5.1	5.1	5.9	9.1	5.0	4.8	0.9	0.4	0.6	0.6
15	0.7	1.6	5.1	5.1	6.3	8.7	5.1	4.8	0.9	0.5	0.6	0.6
16	0.7	1.4	5.2	5.1	6.6	8.3	4.9	4.7	0.8	0.4	0.6	0.6
17	0.7	1.3	5.2	5.0	7.9	9.2	5.1	4.7	0.8	0.4	0.6	0.6
18	0.6	1.2	5.2	4.9	8.2	9.1	5.1	5.0	0.8	0.8	0.6	0.6
19	0.6	1.1	5.1	4.9	7.9	8.9	5.0	5.0	0.7	0.8	0.6	0.6
20	0.7	1.0	5.0	4.9	6.8	8.5	5.0	4.9	0.7	0.8	0.6	0.6
21	0.7	1.1	5.0	4.9	5.5	8.0	5.1	4.7	0.7	0.9	0.6	0.6
22	0.7	1.2	5.0	5.0	5.2	6.6	5.5	4.6	0.7	1.0	0.6	0.6
23	0.6	1.2	5.0	5.2	5.3	5.9	5.7	4.6	0.7	0.9	0.6	0.5
24	0.6	1.2	5.1	5.4	5.4	5.8	5.6	4.6	0.7	0.7	0.6	0.5
25	0.6	1.1	5.1	5.4	5.4	5.8	5.6	4.6	0.6	0.6	0.6	0.5
26	0.6	1.1	5.1	6.6	7.3	5.7	6.9	4.6	0.6	0.7	0.6	0.7
27	0.6	1.1	5.1	7.2	7.3	5.6	7.0	4.7	0.6	0.6	0.6	0.9
28	0.6	1.0	5.1	6.1	7.5	5.3	6.9	4.7	0.6	0.6	0.6	0.9
29	0.6		5.0	5.4	7.8	5.2	7.0	4.8	0.5	0.6	0.6	0.7
30	0.6		5.4	5.2	7.9	5.3	6.0	4.8	0.5	0.7	0.6	0.7
31	0.6		5.4		10.5		5.7	4.8		0.8		0.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	0.70	1.31	4.99	5.43	6.15	8.68	5.81	4.85	2.22	0.58	0.68	0.66
MAX.	0.9	2.7	6.2	7.2	10.5	13.0	7.4	5.4	5.7	1.0	1.1	0.9
MIN.	0.6	0.8	1.1	4.9	4.7	5.2	4.9	4.6	0.5	0.4	0.6	0.5

HIGHEST STAGE WAS 13.02 ON JUN. 7.  
LOWEST STAGE WAS 0.41 ON OCT. 13 AND 14.

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U.S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.1	1.4	5.4	6.6	6.9	4.2	1.2	0.4 E	0.6	0.2	1.1	2.1
2	2.0	1.5	5.4	4.8	6.6	4.2	1.1	0.4 E	0.7	0.1	1.0	2.0
3	2.0	1.5	5.4	7.3	5.6	4.1	1.0	0.3 E	0.8	0.1	0.9	1.7
4	2.0	1.5	5.3	7.6	5.3	4.1	1.0	0.3 E	0.9	0.1	0.8	1.4
5	2.0	1.4	5.4	7.2	5.2	4.0	2.3	0.4 E	0.8	0.0	0.6	1.2
6	1.8	1.4	5.4	6.9	5.0	3.8	2.5	0.3 E	0.5	0.0	0.6	1.1
7	1.7	1.4	5.4	6.7	4.8	3.6	1.2	0.3 E	0.3	0.0	0.5	1.0
8	1.7	1.4	5.7	8.5	4.7	3.4	0.9	0.3 E	0.1	0.0	0.5	0.9
9	1.7	1.4	5.6	8.1	4.5	3.3	0.8	0.3	-0.1	0.0	0.5	3.8
10	1.6	1.3	5.5	5.5	4.3	1.7	4.1	0.3 E	-0.1	0.0	0.4	4.9
11	3.8	1.3	5.3	4.1	4.0	1.3	4.4	0.2 E	-0.1	0.0	0.4	3.6
12	6.3	1.3	5.1	3.9	3.9	1.3	4.5	0.2 E	-0.1	0.0	0.4	2.8
13	4.8	1.3	2.8	6.6	5.3	1.3	4.4	0.2 E	-0.1	0.0	0.4	2.5
14	3.7	1.2	1.9	8.9	5.3	2.3	4.4	0.2 E	-0.1	0.0	0.4	2.2
15	3.3	1.6	1.6	7.6	5.1	1.2	4.3	0.2 E	-0.1	0.0	0.8	1.8
16	2.9	4.3	1.5	5.9	4.9	1.2	4.1	0.2 E	-0.1	0.0	0.7	1.6
17	2.7	3.8	6.7	7.5	5.0	1.1	1.1	0.1 E	-0.1	0.0	2.4	1.4
18	2.4	3.1	8.3	7.5	4.7	1.1	0.7	0.2 E	-0.1	2.4	5.8	1.3
19	2.2	2.8	6.6	7.2	4.5	1.1	0.7	0.2 E	-0.1	3.8	4.9	1.2
20	2.1	2.7	5.1	6.8	4.4	1.1	0.6	0.1 E	0.	7.1	3.4	1.1
21	2.0	2.3	6.6	6.5	4.3	1.0	0.6	0.1 E	0.1	7.3	2.7	0.9
22	2.3	2.0	5.4	6.2	4.1	1.0	0.7	0.1 E	0.2	7.0	2.4	1.1
23	2.7	1.8	4.3	6.0	4.8	1.0	0.6	0.1 E	0.3	6.9	2.2	1.1
24	2.2	5.1	5.7	5.9	4.6	1.6	0.6	0.1 E	0.3	6.3	1.9	1.1
25	1.9	5.4	5.2	5.9	4.5	2.3	0.6	0.0 E	0.4	5.0	1.5	1.0
26	1.8	5.4	6.9	5.9	4.4	2.5	0.5	0.0	0.6	4.5	1.2	1.0
27	1.7	5.4	7.0	5.9	4.4	2.2	0.5 E	0.1	0.5	1.9	2.5	1.0
28	1.7	5.4	7.6	5.9	4.4	3.6	0.5 E	0.2	0.5	1.3	3.2	0.9
29	1.6	5.4	8.3	7.0	4.2	2.3	0.5 E	0.3	0.4	1.2	2.5	0.9
30	1.6		9.0	7.0	4.1	1.4	0.4 E	0.4	0.3	1.0	2.2	0.9
31	1.5		9.3		4.1		0.4 E	0.5		1.1		0.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	2.38	2.61	5.63	6.57	4.76	2.28	1.65	0.23	0.24	1.86	1.63	1.62
MAX.	6.3	5.4	9.3	8.9	6.9	4.2	4.5	0.5	0.9	7.3	5.8	4.9
MIN.	1.5	1.2	1.5	3.9	3.9	1.0	0.4	0.0	-0.1	0.0	0.4	0.9

A- NO RECORD.

E- ESTIMATED.

HIGHEST STAGE WAS 9.47 ON MAR. 30.

LOWEST STAGE WAS NOT DETERMINED.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U.S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.  
DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.3	4.5	11.6	9.9	10.0	9.5	A	A	A	A	A	A
2	6.7	4.2	11.2	13.2	8.9	9.3	A	A	A	A	A	A
3	6.4	4.1	10.7	13.5	8.5	9.1	A	A	A	A	A	A
4	5.8	4.1	11.1	13.5	10.2	9.0	A	A	A	A	A	A
5	5.2	4.1	10.6	13.2	11.3	8.8	A	A	A	A	A	A
6	4.7	4.0	10.1	12.9	11.2	8.5	A	A	A	A	A	A
7	4.3	4.5	9.4	12.6	10.9	8.2	A	A	A	A	A	A
8	4.0	4.0	8.3	12.3	10.5	8.0	A	A	A	A	A	A
9	3.8	3.6	6.8	11.9	10.0	7.9	A	A	A	A	A	A
10	3.6	3.4	8.0	11.5	8.8	7.9	A	A	A	A	A	A
11	3.4	3.3	8.9	11.2	7.5	8.0	A	A	A	A	A	A
12	3.3	3.2	8.9	11.7	9.6	7.9	A	A	A	A	A	A
13	3.3	5.1	8.7	11.5	8.6	7.7	A	A	A	A	A	A
14	3.3	5.3	8.5	11.1	7.6	7.5	A	A	A	A	A	A
15	3.3	5.2	8.3	10.6	9.1	7.1	A	A	A	A	A	A
16	3.2	5.1	8.1	9.9	9.1	6.8	A	A	A	A	A	A
17	E 3.2	5.0	8.0	8.6	8.8	6.5	A	A	A	A	A	A
18	E 3.7	4.9	7.9	7.0	8.4	5.6	A	A	A	A	A	A
19	E 4.1	4.5	7.7	8.4	8.2	5.3	A	A	A	A	A	A
20	E 7.2	4.1	7.9	8.4	7.9	5.4	A	A	A	A	A	A
21	E 7.4	4.2	9.2	8.3	9.3	5.3	A	A	A	A	A	A
22	E 6.9	4.6	9.4	8.1	8.9	5.1	A	A	A	A	A	A
23	E 8.3	7.9	10.6	9.4	9.8	A	A	A	A	A	A	A
24	E 8.1	10.6	10.0	11.2	9.8	A	A	A	A	A	A	A
25	E 7.8	11.2	7.8	10.3	8.5	A	A	A	A	A	A	A
26	E 7.3	11.7	6.2	9.0	8.9	A	A	A	A	A	A	A
27	E 6.9	11.5	8.0	7.8	8.7	A	A	A	A	A	A	A
28	E 6.6	11.1	8.1	6.7	8.3	A	A	A	A	A	A	A
29	6.1		7.9	8.0	9.5	A	A	A	A	A	A	A
30	5.5		7.8	8.7	9.7	A	A	A	A	A	A	A
31	5.0		8.5		9.6		A	A		A		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	5.31	5.68	8.85	10.34	9.22
MAX.	8.3	11.7	11.6	13.5	11.3
MIN.	3.2	3.2	6.2	6.7	7.5

A- NO RECORD.  
YEARLY RECORD INCOMPLETE.

DAILY STAGES FOR 1978

105

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION, LAT. 35-32-02, LONG. 90-25-29, U.S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION, BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE, STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U.S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO 1975 IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES, HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.85). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

MEAN, NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.6	6.2	5.3	6.5	5.8	5.9	3.9	1.1	9.3	4.4	E 3.9	7.5
2	1.6	5.8	4.9	6.5	5.8	6.2	2.5	1.1	8.7	4.1	E 4.0	7.3
3	1.5	5.5	6.2	6.4	6.1	6.0	1.4	1.1	7.5	4.0	E 4.1	7.3
4	1.5	5.3	6.2	6.3	6.2	3.2	1.3	1.0	7.8	4.0	E 4.2	9.9
5	1.4	4.9	6.2	6.3	6.1	2.4	1.4	1.4	7.4	3.8	E 4.2	10.2
6	1.3	4.8	6.1	6.2	6.1	2.2	1.5	2.6	6.5	3.7	E 4.3	10.2
7	E 1.3	4.6	5.7	6.2	10.0	3.0	1.3	2.5	3.8	3.7	E 4.4	10.5
8	E 3.7	4.2	6.0	6.2	11.5	3.3	1.3	2.0	2.6	3.7	E 4.5	12.3
9	E 6.4	2.4	6.0	6.2	11.6	2.9	4.3	1.6	2.2	3.6	4.1	13.6
10	E 7.3	6.2	5.9	6.0	11.1	2.7	4.7	3.4	2.0	3.4	3.3	13.6
11	8.3	7.5	5.6	6.1	10.1	2.6	4.9	4.3	1.9	3.3	2.9	13.3
12	E 8.2	6.2	5.3	8.3	9.0	2.4	5.9	2.2	1.7	3.3	2.8	13.0
13	E 8.2	6.2	4.7	8.5	7.9	2.2	6.5	1.2	1.8	3.4	2.8	12.9
14	E 8.1	9.7	5.6	8.5	6.5	2.0	7.7	5.7	5.7	3.6	3.0	12.7
15	E 8.1	9.6	6.3	8.4	5.1	1.9	8.0	6.3	7.9	3.6	3.3	12.6
16	E 8.1	8.0	6.1	8.0	4.1	1.8	7.6	5.2	7.7	3.4	3.6	12.3
17	E 8.2	6.6	5.7	7.7	3.5	1.8	6.2	3.5	6.6	3.6	5.8	11.8
18	E 8.2	5.6	5.2	7.3	5.7	3.7	5.6	2.5	5.0	3.6	8.3	11.0
19	E 8.1	4.9	4.6	7.2	5.8	4.6	5.1	1.9	3.7	3.6	8.9	9.8
20	E 8.1	4.1	4.3	7.2	6.4	4.7	4.8	1.6	2.9	3.6	8.9	8.5
21	E 7.8	3.7	4.0	7.1	6.4	5.1	4.6	1.5	2.4	3.6	8.9	6.6
22	E 7.7	3.4	3.8	6.8	6.1	5.4	4.4	1.4	2.1	3.6	8.8	5.8
23	E 7.6	3.1	6.3	6.5	5.9	5.6	4.4	1.3	1.9	3.5	7.9	5.3
24	E 7.7	3.9	6.6	6.2	5.9	5.4	4.3	1.3	1.8	3.6	7.2	4.9
25	E 8.0	5.0	6.6	6.1	5.7	5.1	4.2	1.2	1.7	3.6	6.1	4.5
26	E 8.3	5.3	6.8	5.9	5.7	5.1	1.6	1.2	4.1	3.4	6.5	4.2
27	E 8.0	5.2	6.8	5.8	5.8	2.4	1.5	1.1	4.6	3.6	7.4	3.9
28	E 7.5	5.3	6.8	5.4	5.9	1.9	1.5	1.1	5.4	3.7	7.8	3.7
29	E 7.2		6.7	5.5	6.1	1.7	1.4	1.3	5.4	3.8	7.9	3.6
30	7.0		6.6	5.7	6.0	1.5	1.3	7.0	4.6	3.8	7.7	3.5
31	6.6		6.6		3.3		1.2	9.2		E 3.9		4.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	6.22	5.48	5.80	6.69	6.67	3.49	3.76	2.57	4.55	3.66	5.58	8.73
MAX.	8.3	9.7	6.8	8.5	11.6	6.2	8.0	9.2	9.3	4.4	8.9	13.6
MIN.	1.3	2.4	3.8	5.4	3.3	1.5	1.2	1.0	1.7	3.3	2.8	3.5

E= ESTIMATED.  
 HIGHEST STAGE WAS 13.59 ON DEC. 9 AND SUBSEQUENT DAYS.  
 LOWEST STAGE WAS 1.01 ON AUG. 4.

DAILY STAGES FOR 1977

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION: LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE, STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU, DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	0.9	0.7	5.2	5.1	1.0	4.5	0.7	4.2	8.8	4.6	3.4
2	A	0.8	0.6	5.4	5.3	3.7	4.6	0.6	4.3	9.3	4.6	3.1
3	A	0.7	0.6	5.5	5.3	5.6	4.6	0.6	4.2	9.5	4.6	2.8
4	A	0.7	3.2	5.6	5.0	5.2	4.6	0.6	4.2	9.3	4.6	3.2
5	A	0.7	4.8	5.7	4.9	1.8	4.6	0.5	4.2	9.0	4.6	2.8
6	A	0.6	3.5	5.7	4.9	1.0	4.5	0.5	4.2	7.7	4.5	2.3
7	A	0.7	2.9	A	4.9	0.8	4.5	0.5	4.2	7.4	4.6	2.0
8	A	0.7	2.5	A	4.8	0.8	4.3	0.5	4.2	7.0	4.6	2.1
9	A	0.7	4.8	A	2.8	0.8	4.1	0.4	4.1	6.8	4.7	2.0
10	A	0.6	4.9	A	1.4	0.8	4.4	0.4	4.0	6.7	4.7	1.8
11	A	0.6	4.9	5.6	4.0	0.8	4.7	0.3	3.7	6.5	4.7	6.0
12	0.4	0.9	6.3	5.4	4.5	0.7	4.7	0.3	0.8	5.1	4.7	7.5
13	0.4	0.8	7.0	5.1	4.5	0.7	5.0	0.3	0.5	4.9	4.7	8.2
14	0.5	0.7	6.9	5.3	4.5	0.7	5.1	0.5	0.5	4.7	4.7	6.2
15	0.5	0.7	6.4	5.2	4.4	0.7	4.9	0.4	0.4	4.7	4.9	3.6
16	0.6	0.8	6.1	5.2	2.6	1.2	4.7	0.5	3.0	4.7	4.9	3.1
17	0.6	0.7	5.8	5.1	1.5	1.1	4.6	0.6	4.4	4.6	4.5	2.9
18	0.6	0.7	5.5	5.0	1.3	1.0	4.4	0.5	4.5	4.6	1.7	2.6
19	0.6	0.6	5.3	4.9	1.3	1.4	4.3	3.8	4.4	4.6	1.2	2.3
20	0.6	0.6	5.1	4.9	1.4	1.6	4.3	4.2	4.3	4.6	1.9	2.1
21	0.6	0.5	4.9	4.9	1.2	1.6	4.2	4.2	4.3	4.5	3.4	2.0
22	0.6	0.5	4.9	4.9	1.2	1.5	4.2	4.2	4.3	4.6	3.3	1.9
23	0.6	0.5	4.9	5.0	1.2	1.3	4.2	4.2	4.4	5.0	3.1	1.9
24	0.6	0.8	4.9	5.7	1.9	1.4	4.5	4.3	4.7	5.8	3.0	1.8
25	0.8	0.9	4.9	5.9	2.1	1.4	4.3	4.2	5.2	5.7	2.6	1.8
26	1.0	0.7	4.9	6.0	5.0	1.6	4.2	4.2	5.9	4.8	2.2	1.8
27	1.5	0.8	4.9	5.8	5.3	1.9	4.0	4.2	8.3	4.6	1.8	1.7
28	1.6	0.8	4.9	5.7	2.6	1.8	1.6	4.2	9.2	4.6	2.1	1.7
29	1.2		4.9	3.5	1.8	1.5	0.9	4.2	9.9	4.5	3.0	1.7
30	1.0		5.0	2.2	1.5	3.9	0.8	4.1	9.0	4.5	3.5	1.7
31	0.9		5.1		1.3		0.7	4.2		4.5		1.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	0.69	4.57		3.20	1.63	4.02	2.02	4.44	5.91	3.72	2.88
MAX.	0.9	7.0		5.3	5.6	5.1	4.3	9.9	9.5	4.9	8.2
MIN.	0.5	0.6		1.2	0.7	0.7	0.3	0.4	4.5	1.2	1.7

A- NO RECORD

HIGHEST STAGE WAS 9.88 AT 700 A.M., SEP. 29.  
LOWEST STAGE WAS 0.30 AT 400 P.M., AUG. 24.

DAILY STAGES FOR 1976

107

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION, BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE, STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU, DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2);

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.3	2.8	6.5	9.7	A	5.4	7.5	5.4	4.3	0.6	5.0	A
2	4.2	2.6	6.3	8.7	A	5.4	6.8	5.2	4.2	0.6	4.7	A
3	5.1	2.4	6.1	7.7	A	5.1	6.6	5.0	4.2	0.6	4.6	A
4	5.1	2.3	6.0	7.9	A	6.1	6.5	5.5	4.2	0.6	A	A
5	4.4	2.2	6.1	7.0	A	6.2	7.4	5.1	3.8	0.6	A	A
6	3.6	2.4	6.3	5.9	A	6.2	8.1	4.9	3.5	3.6	A	A
7	3.1	2.4	6.2	5.6	A	6.3	8.1	4.7	3.4	3.8	A	A
8	2.8	2.3	6.1	5.6	A	6.2	7.7	4.7	2.7	3.8	A	A
9	2.4	2.3	8.0	5.5	A	5.9	7.3	4.6	1.0	3.7	A	A
10	2.3	2.2	9.3	5.6	A	5.2	6.9	4.5	2.6	3.7	A	A
11	2.3	2.1	9.3	5.5	A	4.6	6.5	4.3	3.9	3.6	A	A
12	2.2	2.0	8.9	5.5	A	4.3	6.3	4.2	3.9	3.5	A	A
13	5.0	1.9	8.1	5.5	A	4.1	6.2	4.1	3.9	3.5	A	A
14	5.1	1.9	7.4	5.4	1.7	3.9	6.5	4.1	3.9	3.4	A	A
15	5.0	1.9	6.9	5.3	1.5	3.8	6.0	4.1	3.9	3.3	A	A
16	4.9	1.9	6.5	5.3	1.5	4.7	6.0	4.1	3.9	3.3	A	A
17	4.8	4.5	6.2	A	1.4	5.0	7.3	4.4	3.9	3.2	A	A
18	4.8	8.4	6.0	A	1.4	4.8	7.3	4.4	3.9	3.2	A	A
19	4.7	10.1	5.8	A	1.4	7.0	7.1	4.4	3.8	3.2	A	A
20	4.6	9.1	5.7	A	2.1	8.7	6.8	4.0	3.8	3.1	A	A
21	2.8	8.6	5.7	A	1.9	9.0	6.6	4.3	3.8	3.1	A	A
22	1.9	8.5	5.9	A	1.4	8.7	6.3	4.4	3.7	3.0	A	A
23	1.8	7.8	5.9	A	1.2	8.2	5.3	4.4	2.3	2.9	A	A
24	1.7	6.6	5.8	A	1.2	8.8	5.0	4.3	0.8	3.0	A	A
25	2.4	7.4	5.6	A	1.2	9.8	5.2	4.3	0.7	4.2	A	A
26	3.6	7.7	5.5	A	1.1	8.8	5.1	4.3	3.7	6.6	A	A
27	4.3	7.3	5.5	A	1.2	8.7	6.1	4.2	3.8	6.1	A	A
28	4.4	7.0	5.4	A	1.5	8.7	6.3	4.2	3.6	5.4	A	A
29	3.8	6.7	6.0	A	2.9	8.3	6.2	4.3	0.8	5.2	A	A
30	3.3	A	9.5	A	3.7	7.7	5.6	4.3	0.7	5.0	A	A
31	3.1	A	10.1	A	6.0	A	5.3	4.3	A	5.2	A	A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	3.66	4.66	6.72			6.51	6.50	4.47	3.21	3.36		
MAX.	5.1	10.1	10.1			9.8	8.1	5.5	4.3	6.6		
MIN.	1.7	1.9	5.4			3.8	5.0	4.0	0.7	0.6		

A- NO RECORD

HIGHEST STAGE WAS 10.13 ON FEB. 19.

LOWEST STAGE WAS 0.56 ON OCT. 5.

DAILY STAGES FOR 1975

105

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT ALL TIMES IN OCT. 1943, SEP., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.21).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.4	A	6.6	12.4	A	A	A	4.1	3.4	4.4	0.8	3.3
2	2.2	A	6.9	12.2	A	A	A	4.3	3.4	4.1	0.8	3.4
3	4.1	A	6.8	12.0	A	A	A	4.5	3.3	3.9	0.8	5.2
4	4.8	A	6.8	11.6	A	A	A	4.7	3.1	3.8	1.0	3.0
5	4.5	A	6.8	11.1	A	A	A	5.0	3.0	3.7	1.1	2.2
6	3.8	A	6.7	10.5	A		A	5.4	2.9	3.6	1.0	5.2
7	3.1	A	6.6	9.8	A	A	A	5.8	3.1	3.5	1.2	6.1
8	2.5	A	6.5	9.3	A	A	A	6.6	3.3	3.5	1.4	6.4
9	4.0	A	6.4	8.8	A	A	A	6.8	3.3	1.6	1.3	6.4
10	4.1	A	6.3	8.0	A	A	A	6.7	3.3	1.2	1.4	7.5
11	6.2	A	6.5	7.3	A	A	4.4	6.5	3.4	1.2	1.4	7.6
12	6.0	A	9.4	6.3	A	A	4.5	6.2	3.5	1.1	1.3	7.5
13	5.1	A	11.9	5.7	A	A	4.6	5.9	4.1	1.1	1.2	5.9
14	4.1	A	12.5	7.5	A	A	4.7	4.7	4.5	1.1	1.1	5.6
15	3.2	A	12.5	7.7	A	A	4.6	4.3	4.7	1.1	1.1	5.4
16	2.6	A	12.0	7.5	A	A	5.4	4.1	4.9	1.0	1.0	5.9
17	2.3	A	11.7	7.3	A	A	5.3	4.0	5.1	1.0	0.9	4.0
18	2.2	A	11.8	7.2	A	A	4.4	4.0	5.7	1.0	0.9	5.5
19	2.2	A	11.3	7.2	A	A	4.1	4.5	5.9	1.0	0.8	5.7
20	2.3	A	10.5	7.0	A	A	3.8	5.9	6.5	1.0	0.8	5.5
21	2.1	A	9.4	6.9	A	A	3.7	6.0	7.1	1.0	0.8	2.9
22	2.0	A	8.1	6.7	A	A	3.5	6.3	7.2	0.9	0.8	2.0
23	4.8	A	7.4	6.5	A	A	3.5	6.2	7.1	0.9	0.8	1.8
24	5.4	9.6	7.3	6.5	A	A	3.5	5.8	6.9	0.9	0.8	1.8
25	5.5	8.6	7.0	6.6	A	A	3.6	4.8	6.7	1.0	0.8	1.7
26	5.4	7.4	6.2	6.7	A	A	3.7	4.3	6.4	1.0	0.8	4.9
27	5.4	6.0	9.6	6.6	A	A	3.6	4.0	6.1	0.9	1.0	5.6
28	5.3	4.7	11.7	6.5	A	A	3.6	3.9	5.9	0.9	1.0	5.4
29	A		12.0	6.5	A	A	3.5	3.7	5.6	0.9	0.9	4.9
30	A		12.1	7.0	A	A	3.7	3.7	4.7	0.9	1.7	4.8
31	A		12.3		A		3.9	3.5		0.9		4.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	9.01	8.09						5.03	4.79	1.74	1.01	4.75
MAX.		12.5	12.4					6.8	7.2	4.4	1.7	7.6
MIN.		6.2	5.7					3.5	2.9	0.9	0.8	1.7

A - NO RECORD

HIGHEST STAGE WAS 12.68 AT 600 P.M., MAR. 14.  
LOWEST STAGE WAS 0.75 ON NOV. 25 AND 26.

DAILY STAGES FOR 1974

107

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY; BANKFULL STAGE, 15 FEET, FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE, SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE, EARLIER RECORDS IN REPORTS OF U. S; WEATHER BUREAU, DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY;

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897, A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD, LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88), DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE, MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M, STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	7.0	9.4	6.3	4.1	4.3	1.4	0.9	5.1
2	A	A	A	A	6.2	8.8	6.2	4.0	7.4	1.3	1.0	4.8
3	A	A	A	A	5.7	7.9	6.2	3.9	7.8	1.2	1.0	2.5
4	A	A	A	A	6.0	7.3	6.1	4.5	7.6	1.2	1.1	1.7
5	A	A	A	A	7.6	8.1	6.1	5.2	7.2	1.2	1.3	1.6
6	A	A	A	A	7.7	8.6	6.1	5.2	6.6	1.2	1.3	1.5
7	A	A	A	A	7.5	11.0	6.0	5.0	5.8	1.2	1.2	1.5
8	A	A	A	A	7.1	12.0	6.0	4.8	5.3	1.1	1.2	1.5
9	A	A	A	A	7.0	12.1	5.9	4.4	5.0	1.1	1.1	1.4
10	A	A	A	A	6.9	11.6	5.4	4.2	4.6	1.1	1.1	1.4
11	A	A	A	A	6.9	10.8	5.1	4.0	4.5	1.1	2.8	1.4
12	A	A	A	A	7.3	9.7	5.1	4.1	4.3	1.1	3.0	1.4
13	A	A	A	A	7.6	8.2	5.1	4.2	4.2	1.1	2.5	1.4
14	A	A	A	A	7.5	6.9	5.1	5.0	4.2	1.0	2.1	1.4
15	A	A	A	A	7.4	7.6	5.0	6.8	4.1	1.1	1.7	1.4
16	A	A	A	A	5.8	6.9	4.9	8.1	2.5	1.0	1.4	1.4
17	A	A	A	A	6.5	6.5	4.7	7.7	1.8	1.0	1.3	1.3
18	A	A	A	A	6.6	7.4	4.5	7.5	1.7	1.0	1.2	1.3
19	A	A	A	A	6.6	7.2	4.4	8.5	1.6	1.0	1.7	1.3
20	A	A	A	A	6.4	6.9	4.2	8.9	1.6	1.0	2.0	1.3
21	A	A	A	A	6.4	6.7	4.2	8.5	1.6	0.9	1.6	1.3
22	A	A	A	A	6.8	6.4	4.1	7.6	1.5	0.9	1.3	1.2
23	A	A	A	A	7.2	6.2	4.8	6.7	1.5	0.9	1.3	1.2
24	A	A	A	12.4	7.2	6.1	6.0	5.9	1.4	0.9	5.7	1.3
25	A	A	A	12.3	7.0	6.0	6.1	5.4	1.4	0.9	7.7	1.4
26	A	A	A	11.5	7.0	5.8	6.5	5.0	1.4	0.9	7.5	1.4
27	A	A	A		7.1	6.0	5.6	4.8	1.4	0.9	6.7	1.4
28	A	A	A	10.9	6.7	6.5	5.0	4.7	1.5	0.9	6.0	1.4
29	A		A	9.9	6.4	6.5	4.7	5.0	1.8	1.0	5.5	2.4
30	A		A	8.5	6.2	6.4	4.4	6.2	1.6	0.9	5.1	2.5
31	A		A		7.1		4.2	7.2		0.9		2.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN		6.84	7.91	5.28	5.70	3.56	1.04	2.63	1.74
MAX.		7.7	12.1	6.5	8.9	7.8	1.4	7.7	5.1
MIN.		5.7	5.8	4.1	3.9	1.4	0.9	0.9	1.2

A- NO RECORD  
 RECOR INCOMPLETE FOR HIGHEST STAGE.  
 LOWEST STAGE WAS 0.89 FROM 600 P.M., OCT. 27 TO 400 P.M., OCT. 28.

## ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.3	9.4	8.2	9.0	12.2	7.2	7.5	4.6	2.8	A	A	A
2	7.2	9.4	8.2	8.9	13.8	6.6	7.4	4.7	2.7	A	A	A
3	7.3	9.2	8.2	8.3	14.3	7.8	7.5	4.6	1.5	A	A	A
4	7.8	8.8	8.2	7.4	14.3	7.9	7.6	4.5	1.1	A	A	A
5	7.9	8.4	8.1	6.8	14.2	7.7	7.6	4.3	1.0	A	A	A
6	7.8	8.7	8.0	6.6	14.0	7.6	7.6	4.2	3.2	A	A	A
7	7.6	9.6	7.4	8.1	14.2	7.5	7.5	4.1	6.3	A	A	A
8	7.4	10.7	7.6	8.5	14.3	7.4	7.5	4.0	6.8	A	A	A
9	7.3	11.0	8.3	8.7	14.1	7.3	7.5	3.9	7.3	A	A	A
10	7.1	10.6	8.4	8.9	13.7	7.2	E 7.6	3.8	6.7	A	A	A
11	7.0	9.7	10.8	8.8	13.1	7.2	7.7	3.7	5.9	A	A	A
12	6.9	8.5	11.4	8.5	12.5	7.7	7.9	3.7	5.4	A	A	A
13	6.9	7.8	11.4	8.2	11.8	6.7	7.7	4.0	5.0	A	A	A
14	6.8	8.1	11.0	7.8	11.1	7.9	7.4	4.8	4.7	A	A	A
15	6.8	9.2	10.5	7.6	10.4	7.9	7.3	5.0	4.3	A	A	A
16	7.0	9.1	10.3	7.5	9.8	7.7	7.2	4.9	3.9	A	A	A
17	7.3	8.7	10.0	7.6	9.1	7.5	7.2	4.8	2.2	A	A	A
18	7.3	8.3	9.4	8.5	8.4	7.3	7.0	4.7	1.7	A	A	A
19	7.2	7.9	8.4	10.6	7.5	7.1	6.9	4.6	2.7	A	A	A
20	7.7	7.6	7.8	13.4	6.9	7.0	7.0	4.5	1.6	A	A	A
21	7.8	7.4	8.7	13.8	6.9	6.9	7.3	4.4	1.4	A	A	A
22	9.7	7.2	8.7	14.0	8.0	6.8	7.2	4.2	1.3	A	A	A
23	10.9	7.2	8.4	14.4	8.0	6.7	6.3	4.0	1.3	A	A	A
24	10.2	8.3	8.2	14.6	7.2	6.6	5.3	3.8	1.2	A	A	A
25	9.1	8.6	6.9	14.5	8.0	6.6	5.3	3.6	1.2	A	A	A
26	8.3	8.6	6.5	14.5	8.0	6.9	5.4	3.5	1.2	A	A	A
27	9.1	8.5	8.1	13.7	8.5	7.3	5.1	3.2	1.1	A	A	A
28	9.3	8.4	8.2	13.6	8.2	7.1	4.9	3.0	1.2	A	A	A
29	8.8		8.0	13.0	8.2	7.5	4.8	2.9	1.7	A	A	A
30	9.7		7.8	12.3	8.1	7.6	4.6	2.9	1.7	A	A	A
31	9.6		8.4		7.9		4.6	2.9		A		A

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	7.99	8.74	8.68	10.26	10.53	7.26	6.74	4.05	2.99
MAX.	10.9	11.0	11.4	14.6	14.3	7.9	7.9	5.0	7.3
MIN.	6.8	7.2	6.5	6.6	6.9	6.6	4.6	2.9	1.0

A- NO RECORD                      E- ESTIMATED  
 HIGHEST STAGE WAS 14.60 AT 400 P.M., APR. 24.  
 LOWEST STAGE WAS 1.00 ON SEP. 4 AND 5.

DAILY STAGES FOR 1972

107

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE, RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.1	1.0	4.5	6.2	7.2	4.8	1.5	4.7	1.6	3.6	9.1	6.8
2	0.9	1.0	5.2	5.7	8.1	4.6	1.7	5.6	1.5	3.1	10.0	6.6
3	0.9	1.0	5.6	5.5	7.9	4.5	2.3	6.2	1.5	4.1	9.8	6.5
4	1.2	0.9	5.7	6.2	7.4	4.5	3.1	6.2	1.5	4.1	9.2	6.7
5	1.5	0.9	5.8	6.6	7.0	4.4	3.1	5.9	1.5	3.9	8.6	6.9
6	1.2	1.4	5.8	6.3	6.7	4.2	4.2	5.0	1.5	3.8	8.2	7.1
7	1.0	2.6	5.9	5.7	6.5	4.1	4.6	4.6	1.5	3.7	10.0	7.4
8	1.0	2.8	5.6	5.2	6.3	4.0	4.6	4.3	1.5	3.6	10.4	9.5
9	1.2	2.4	5.5	5.0	6.2	3.9	4.5	4.1	1.4	3.5	9.8	11.5
10	1.6	2.1	5.4	5.0	6.2	3.8	4.4	4.0	0.5	3.4	8.8	12.0
11	1.6	1.8	5.4	4.6	5.4	3.7	4.2	3.9	0.4	3.3	9.1	12.0
12	1.4	1.5	5.3	4.5	5.5	3.6	4.1	3.8	0.4	3.0	8.9	11.8
13	1.4	1.4	5.2	4.4	5.9	3.8	3.9	3.8	0.4	2.6	8.6	11.7
14	1.3	1.3	5.2	4.4	5.9	4.4	3.7	3.7	0.4	2.2	8.7	11.2
15	1.1	1.2	5.1	4.4	6.0	4.4	3.5	3.5	0.4	0.8	8.6	10.8
16	1.1	1.1	5.0	6.8	5.7	4.2	3.3	3.4	0.4	0.6	8.3	10.1
17	1.0	1.1	4.9	7.6	5.7	3.8	3.7	3.2	0.4	0.6	7.9	9.1
18	1.0	1.1	4.8	7.3	5.6	3.4	4.5	2.9	0.4	0.5	7.6	8.1
19	1.0	1.4	4.7	6.8	5.5	3.2	4.6	2.6	0.4	0.8	7.7	6.6
20	1.0	3.7	4.6	6.2	5.4	3.0	4.6	2.5	0.3	3.0	7.8	6.6
21	1.5	4.0	4.6	6.2	5.4	3.0	4.6	1.8	0.3	3.4	7.7	8.3
22	2.2	3.9	4.6	7.4	6.3	2.9	4.6	1.8	0.3	3.8	7.4	8.4
23	1.9	3.9	4.5	7.8	6.5	2.7	4.5	1.9	0.3	4.0	7.3	8.2
24	1.2	3.7	4.5	7.6	6.6	1.4	4.5	1.9	0.3	4.5	7.1	8.0
25	1.3	1.9	4.4	7.1	5.0	1.3	4.4	1.8	0.3	5.3	7.4	7.8
26	1.2	1.1	4.4	6.7	4.8	1.2	4.2	1.7	0.3	5.5	7.7	7.6
27	1.0	1.0	4.4	6.4	4.7	1.1	4.1	1.7	0.4	6.0	7.6	7.4
28	1.1	1.5	4.5	6.3	4.5	1.2	3.9	1.6	0.4	6.4	7.6	7.3
29	1.1	4.0	6.0	6.7	4.6	1.3	4.0	1.6	1.0	6.5	8.3	7.2
30	1.1		6.5	6.5	4.7	1.4	4.0	1.6	3.7	6.6	7.3	7.2
31	1.0		6.6		4.9		4.3	1.5		7.9		7.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	1.22	1.95	5.16	6.09	5.93	3.25	3.90	3.31	0.83	3.67	8.41	8.50
MAX.	2.2	4.0	6.6	7.8	8.1	4.8	4.6	6.2	3.7	7.9	10.4	12.0
MIN.	0.9	0.9	4.4	4.4	4.5	1.1	1.5	1.5	0.3	0.5	7.1	6.5

HIGHEST STAGE WAS 12.09 AT 600 P.M. DEC. 10.  
 LOWEST STAGE WAS 0.32 FROM SEP. 22 TO 26.

DAILY STAGES FOR 1971

107

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY MEAN STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.7	6.1	5.3	5.6	4.8	4.3	5.0	4.5	4.2	0.7	0.4	0.3
2	4.4	6.0	4.8	5.6	4.8	3.9	4.3	4.4	4.0	0.6	0.4	2.4
3	4.1	5.9	4.6	5.6	4.7	2.8	4.2	4.9	3.9	0.6	0.4	3.7
4	4.7	5.9	4.7	5.6	4.7	4.2	4.1	6.8	3.8	0.6	0.4	3.6
5	5.4	6.3	4.5	5.5	4.6	4.4	4.0	8.5	3.7	0.6	0.4	3.4
6	5.2	6.5	4.4	5.5	4.6	4.5	4.2	8.5	3.6	0.6	0.4	3.2
7	4.6	6.4	4.3	5.4	4.8	4.7	4.9	7.7	3.7	0.6	0.4	3.0
8	4.2	6.2	4.2	5.4	4.8	5.0	5.5	6.5	3.3	0.6	0.4	2.9
9	3.9	6.1	4.0	5.3	4.7	5.5	5.3	6.3	3.3	0.6	0.4	4.0
10	3.7	6.0	3.9	5.3	4.7	5.8	4.8	6.8	1.5	0.6	0.4	3.7
11	3.6	5.9	3.8	5.3	4.8	5.5	4.4	6.4	1.1	0.5	0.3	2.8
12	3.5	6.8	3.7	5.2	5.3	5.3	4.1	6.0	1.1	0.5	0.3	2.1
13	3.4	8.7	3.6	5.1	6.6	5.3	3.9	5.3	1.0	0.5	0.3	1.7
14	3.4	9.2	3.6	5.1	6.6	5.7	3.7	4.7	0.9	0.5	0.3	1.4
15	3.3	8.6	3.5	5.1	6.3	6.0	3.6	4.4	0.9	0.5	0.3	1.4
16	3.3	6.6	3.4	5.0	5.8	6.1	3.6	4.3	0.9	0.5	0.3	1.2
17	3.2	5.4	3.3	5.0	5.5	6.0	3.6	4.1	0.8	0.5	0.4	1.1
18	3.2	4.6	3.2	5.0	5.2	6.2	3.5	4.0	0.8	0.5	2.6	1.0
19	3.2	4.2	3.1	4.9	5.0	6.4	3.5	3.9	0.8	0.5	1.0	1.0
20	3.1	4.2	3.0	4.9	4.9	6.8	3.5	3.8	0.8	0.5	0.3	1.0
21	3.1	4.8	3.0	5.0	4.8	6.8	3.5	3.7	0.8	0.5	0.3	0.9
22	3.7	8.3	2.9	5.0	4.5	6.6	3.5	3.7	0.8	0.5	0.3	0.8
23	6.2	9.4	2.8	5.3	4.6	6.4	3.5	3.7	0.7	0.5	0.3	0.8
24	6.6	9.2	2.8	5.3	4.6	6.2	3.6	3.6	0.7	0.4	0.3	0.8
25	6.6	8.4	2.8	5.2	4.6	6.2	3.6	3.8	0.7	0.4	0.3	0.7
26	6.6	7.5	3.7	5.1	4.4	6.1	3.6	4.0	0.8	0.4	0.3	0.7
27	6.5	6.7	5.7	5.0	4.4	6.0	3.5	4.2	0.8	0.4	0.3	0.7
28	6.4	6.0	5.9	4.9	4.4	5.9	3.6	4.4	0.8	0.4	0.3	0.7
29	6.3		5.9	4.9	4.4	5.8	3.7	4.5	0.7	0.4	0.3	0.7
30	6.3		5.8	4.8	4.4	5.6	4.3	4.4	0.7	0.4	0.3	1.4
31	6.2		5.7		4.3		4.5	4.3		0.4		1.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	4.59	6.63	4.05	5.19	4.91	5.52	4.01	5.03	1.71	0.50	0.43	1.75
MAX.	6.6	9.4	5.9	5.6	6.6	6.8	5.5	8.5	4.2	0.7	2.6	4.0
MIN.	3.1	4.2	2.8	4.8	4.3	2.8	3.5	3.6	0.7	0.4	0.3	0.3

HIGHEST STAGE WAS 9.46 AT 500 P.M., FEB. 23.  
 LOWEST STAGE WAS 0.24 NOV. 29.

DAILY STAGES FOR 1970

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	10.0	5.1	5.5	6.8	9.2	6.1	6.4	4.4	3.7	4.9	6.9	5.4
2	9.2	5.7	5.4	6.7	8.1	6.1	6.2	4.4	3.8	4.8	6.7	5.4
3	8.2	5.8	6.3	6.6	7.4	6.7	6.1	4.3	3.2	4.6	6.5	5.4
4	6.8	5.7	7.9	6.6	8.7	7.6	6.0	4.3	2.1	4.5	6.3	5.4
5	5.5	5.5	7.6	6.6	8.8	9.0	5.9	4.3	3.9	4.4	6.2	5.4
6	4.4	5.5	6.8	6.6	8.5	8.6	5.7	4.4	4.6	4.4	6.0	5.4
7	4.0	5.6	5.7	6.6	5.8	8.0	5.6	4.7	4.7	4.3	6.9	5.3
8	3.6	5.8	7.2	6.6	4.5	7.4	5.6	4.9	4.0	4.3	5.8	5.3
9	3.3	5.9	7.3	6.5	7.1	6.9	5.6	6.0	2.2	4.6	5.8	5.2
10	2.9	5.9	7.1	6.5	7.4	6.6	5.6	7.1	1.8	4.8	6.0	5.2
11	2.5	5.9	6.9	6.4	7.4	6.3	5.6	7.1	1.6	4.9	6.1	5.1
12	2.4	5.8	6.8	6.4	7.3	6.1	5.6	6.6	1.5	5.3	6.1	4.7
13	2.4	5.8	6.7	6.3	7.2	6.0	5.6	5.9	1.4	6.3	6.0	3.2
14	2.5	5.7	6.6	6.2	7.1	6.1	5.4	3.6	3.2	7.9	6.3	2.8
15	2.7	6.5	6.5	6.1	7.0	6.4	5.3	3.1	3.5	8.6	6.7	2.8
16	2.8	6.5	6.4	6.0	7.0	7.6	5.2	4.6	3.5	8.3	6.7	3.9
17	2.9	6.2	6.3	6.0	7.0	9.0	5.1	4.6	3.4	7.6	6.5	4.9
18	2.8	5.4	7.5	5.9	6.9	9.4	5.0	4.5	3.4	6.9	6.3	5.0
19	2.7	4.6	8.0	5.8	6.9	9.2	5.0	4.4	4.2	6.5	6.2	4.6
20	2.6	3.9	7.0	7.9	6.8	8.6	5.0	4.4	7.3	6.5	6.2	4.1
21	2.4	3.4	6.5	8.3	6.7	8.2	4.9	4.3	8.8	6.9	6.1	4.5
22	2.3	3.1	8.1	8.1	6.6	8.0	4.9	4.3	9.2	6.9	6.1	8.6
23	2.2	2.8	8.0	7.6	6.5	7.8	4.9	4.3	9.1	6.6	6.0	10.6
24	2.2	2.7	7.7	7.3	6.4	7.5	4.8	4.4	8.7	6.4	5.9	10.8
25	2.1	2.5	7.5	7.3	6.5	7.4	4.7	4.3	8.0	6.2	5.8	10.5
26	2.1	5.3	7.4	10.4	6.4	7.3	4.7	4.2	7.2	6.0	5.7	9.7
27	5.0	5.5	7.4	10.6	6.2	7.1	4.7	4.2	6.4	6.6	5.6	8.7
28	5.3	5.5	7.3	10.0	6.1	6.9	4.6	4.1	5.8	7.6	5.6	7.4
29	5.2		7.1	8.9	5.9	6.7	4.6	4.0	5.4	7.8	5.6	6.2
30	5.1		7.0	7.6	6.1	6.5	4.5	3.9	5.1	7.6	5.5	5.4
31	5.1		6.9		6.1		4.5	3.8		7.2		5.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	3.97	5.12	6.97	7.17	6.95	7.36	5.26	4.62	4.68	6.13	6.13	5.86
MAX.	10.0	6.5	8.1	10.6	9.2	9.4	6.4	7.1	9.2	8.6	6.9	10.8
MIN.	2.1	2.5	5.4	5.8	4.5	6.0	4.5	3.1	1.4	4.3	5.5	2.8

HIGHEST STAGE WAS 10.85 AT 400 A.M., DEC. 24.  
 LOWEST STAGE WAS 1.39 AT 800 P.M., SEPT. 13.

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.4	12.9	7.2	6.6	7.3	5.3	5.5	4.0	3.0	1.1	3.3	A
2	7.1	12.7	7.2	6.5	7.2	5.3	5.3	3.9	3.0	1.6	3.3	A
3	6.9	12.6	7.0	6.5	7.1	5.2	5.2	4.0	3.0	1.3	3.3	A
4	6.8	12.4	6.9	6.4	7.0	5.2	5.1	4.0	2.9	1.3	3.2	A
5	6.7	12.1	6.8	6.5	6.8	5.2	5.0	4.0	3.0	A	3.2	A
6	6.6	11.5	6.7	7.0	6.7	5.1	4.9	3.9	3.0	A	3.1	A
7	6.6	10.8	6.7	7.0	6.6	5.1	4.9	3.8	2.9	1.7	3.1	1.9
8	6.5	10.1	6.6	7.0	6.5	5.0	4.8	3.6	2.9	1.6	3.1	1.8
9	6.4	9.4	6.5	7.1	6.4	4.9	4.8	3.5	3.0	1.3	3.1	1.5
10	6.4	8.8	6.4	9.4	6.3	4.9	4.8	3.2	3.0	2.4	3.1	1.3
11	6.3	8.3	6.3	9.4	6.2	4.9	4.7	3.2	3.1	1.6	3.1	A
12	6.2	7.6	6.3	9.3	6.1	4.8	4.6	3.2	3.1	1.6	3.1	A
13	6.2	7.0	6.2	8.5	6.0	4.8	4.6	3.1	3.0	2.5	3.2	A
14	6.1	6.6	6.2	7.8	5.9	4.8	4.5	3.2	3.0	2.8	3.2	A
15	6.0	6.2	6.1	6.9	5.8	4.7	4.4	3.0	2.9	3.2	3.1	A
16	6.0	6.0	6.0	6.2	5.8	4.7	1.8	2.9	2.8	3.5	3.1	A
17	6.0	6.0	6.0	5.6	5.7	2.8	1.5	3.3	2.7	3.6	1.3	A
18	8.1	6.2	5.9	6.4	5.7	1.9	1.4	3.2	2.6	3.8	3.7	0.9
19	9.7	6.0	5.9	7.8	5.8	1.8	1.4	3.4	2.6	3.9	4.2	0.9
20	9.8	9.0	5.8	8.0	5.8	1.8	3.7	3.5	1.4	4.0	4.7	0.8
21	9.5	8.7	5.8	7.4	5.8	1.7	4.0	4.0	2.5	4.0	5.2	0.9
22	8.9	8.2	5.7	6.5	5.7	1.7	4.0	4.7	A	4.0	5.3	1.1
23	8.6	8.2	5.7	5.7	5.7	1.7	4.0	4.8	A	4.0	5.3	1.1
24	8.4	8.0	7.4	5.1	5.6	4.1	4.3	4.4	A	4.0	5.3	1.0
25	8.2	7.8	8.1	4.6	5.6	5.0	4.4	4.0	2.4	3.8	5.3	1.0
26	7.9	7.6	8.1	7.0	5.6	5.7	4.4	3.8	2.3	3.7	5.2	1.0
27	7.6	7.4	7.6	7.4	5.5	5.9	4.3	3.6	2.0	3.5	2.5	1.0
28	7.5	7.3	7.3	7.5	5.5	5.9	4.3	3.4	1.7	3.5	1.3	1.1
29	7.4		7.1	7.5	5.4	5.8	4.2	3.3	1.6	3.4	A	6.6
30	11.2		6.9	7.4	5.3	5.6	4.1	3.2	1.7	3.3	A	9.8
31	12.6		6.7		5.3		4.1	3.1		3.3		10.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	7.59	8.76	6.61	7.06	6.05	4.37	4.15	3.61
MAX.	12.6	12.9	8.1	9.4	7.3	5.9	5.5	4.8
MIN.	6.0	6.0	5.7	4.6	5.3	1.7	1.4	2.9

A- NO RECORD

HIGHEST STAGE WAS 12.87 AT 700 A.M., FEB. 1.  
LOWEST STAGE WAS 0.83 AT 200 A.M., DEC. 21.

DAILY STAGES FOR 1968

95

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.6	7.0	5.7	6.9	6.7	6.9	6.0	4.4	3.0	3.6	2.6	6.3
2	6.6	8.1	5.6	6.9	6.6	6.8	5.8	4.4	3.0	3.5	2.6	6.7
3	6.6	9.2	5.5	7.2	6.5	6.7	5.7	4.4	3.0	3.4	2.6	6.0
4	6.9	9.3	5.5	10.4	6.4	6.6	5.5	4.4	2.9	3.4	2.6	5.8
5	6.8	8.9	5.4	11.0	6.4	6.6	5.4	4.4	2.9	3.3	2.6	5.0
6	6.9	8.5	5.3	10.5	6.3	6.4	5.3	4.5	3.0	3.2	2.6	4.1
7	7.1	8.2	5.3	9.8	6.2	6.3	5.3	4.5	3.0	3.2	2.6	3.5
8	6.9	7.8	5.3	8.7	6.2	6.1	5.2	4.6	2.9	3.4	2.6	3.0
9	6.8	7.6	5.2	7.2	6.1	6.0	5.2	4.6	2.9	3.4	2.6	2.7
10	6.8	7.4	5.2	5.7	6.1	5.9	5.2	4.6	2.9	3.2	2.6	2.5
11	6.8	7.2	5.2	7.0	6.2	5.8	5.4	4.5	2.9	3.3	2.6	2.3
12	6.7	7.1	5.8	7.4	6.3	5.7	5.6	4.4	2.9	3.3	2.6	2.2
13	6.6	7.0	5.7	7.3	6.4	5.6	5.5	4.4	2.8	3.2	2.6	2.1
14	6.5	6.9	5.6	7.3	9.1	5.6	5.3	4.4	2.8	3.2	2.5	2.1
15	6.4	6.8	5.5	7.3	9.4	5.5	5.2	4.4	2.8	3.1	2.1	2.0
16	6.3	6.7	5.6	7.2	10.6	5.4	5.1	4.4	2.8	3.0	0.9	1.9
17	6.2	6.7	5.6	7.0	11.2	5.5	4.9	4.3	2.8	3.0	0.8	1.9
18	6.2	6.6	5.5	6.9	11.3	5.5	4.8	4.2	3.0	3.1	0.7	1.9
19	6.4	6.5	5.5	6.8	11.3	5.4	4.7	4.2	3.2	3.2	0.7	1.9
20	6.8	6.4	5.5	6.7	11.0	5.4	4.7	4.2	3.5	3.3	0.7	1.8
21	7.0	6.4	9.1	6.7	10.4	5.3	4.7	4.1	3.0	3.1	0.7	1.8
22	7.2	6.3	9.8	6.8	9.4	5.2	4.6	4.1	2.9	3.1	0.7	5.6
23	7.7	6.2	9.8	7.0	8.2	5.2	4.6	4.0	2.9	3.0	0.7	7.1
24	7.8	6.2	9.3	7.4	7.1	5.2	4.5	3.8	3.0	E 2.9	0.7	6.9
25	7.5	6.1	8.6	7.5	6.3	5.3	4.4	3.7	2.9	E 2.8	0.7	5.9
26	7.1	6.0	7.9	7.4	5.9	5.3	4.3	3.5	3.4	E 2.8	0.6	4.8
27	6.7	5.9	7.5	7.3	5.5	6.4	4.4	3.4	3.6	E 2.7	1.3	6.1
28	6.4	5.8	7.2	7.1	7.5	7.0	4.3	3.3	3.7	E 2.6	4.8	7.6
29	6.3	5.7	7.1	7.0	7.6	6.8	4.4	3.2	3.8	2.6	6.4	8.3
30	6.2		4.0	6.8	7.4	6.4	4.4	3.2	3.7	2.6	6.2	8.3
31	6.7		6.9		7.1		4.4	3.1		2.7		7.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	6.75	7.04	6.34	7.53	7.69	5.92	4.98	4.11	3.06	3.09	2.16	4.38
MAX.	7.8	9.3	9.8	11.0	11.3	7.0	6.0	4.6	3.8	3.6	6.4	8.3
MIN.	6.2	5.7	4.0	5.7	5.5	5.2	4.3	3.1	2.8	E 2.6	0.6	1.8

E- ESTIMATED

HIGHEST STAGE WAS 11.33, MAY 18.  
LOWEST STAGE WAS 0.64, NOV. 26.

DAILY STAGES FOR 1967

95

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET, FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FDAILY EIGHT A.M. STAGE

IN FEET	GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)											
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.4	1.6	1.3	5.2	5.5	7.4	5.3	5.7	3.8	4.4	4.6	1.9
2	4.8	1.8	1.3	5.1	7.5	7.2	5.4	6.2	3.8	4.3	4.6	2.7
3	3.8	2.1	1.3	5.1	7.3	6.8	5.4	6.6	3.6	4.2	4.5	6.8
4	3.3	2.0	1.3	5.1	6.6	6.6	5.5	6.1	3.5	4.2	4.5	6.8
5	3.0	1.8	1.3	5.1	6.0	6.4	5.5	6.1	3.5	4.1	4.5	6.1
6	2.7	1.7	2.8	5.0	5.7	6.2	7.1	5.5	3.5	4.0	4.4	4.9
7	2.5	1.7	7.1	5.0	5.8	6.0	8.4	5.3	3.5	3.9	4.4	3.8
8	2.4	1.6	7.7	4.9	5.9	5.8	8.8	5.3	3.5	3.9	4.3	3.2
9	2.2	1.6	7.0	4.9	5.8	5.6	8.5	5.1	3.5	3.9	4.2	5.4
10	2.1	1.6	5.7	4.9	5.7	5.6	8.0	5.0	3.7	3.8	4.2	6.4
11	2.0	1.5	4.5	4.9	5.5	5.5	7.6	4.9	3.7	3.8	4.2	6.5
12	2.0	1.5	3.9	4.9	5.4	5.4	7.2	4.8	3.8	3.6	4.3	7.6
13	1.9	1.5	3.5	4.9	5.3	5.4	6.9	4.8	3.8	3.5	4.4	7.3
14	1.9	1.5	3.2	5.0	5.5	5.3	6.6	4.8	3.8	3.4	4.5	6.9
15	1.9	1.5	3.0	4.9	6.9	5.2	6.4	4.7	3.8	3.4	4.5	6.7
16	1.9	1.4	2.8	4.9	7.9	3.0	6.2	4.7	4.0	3.5	4.6	6.7
17	1.8	1.4	2.5	4.8	7.8	5.0	6.0	4.6	4.2	4.1	4.6	6.6
18	1.7	1.4	5.0	4.8	6.9	5.1	5.8	4.5	4.2	5.0	4.6	8.1
19	1.7	1.4	5.7	2.9	8.1	5.1	5.7	4.5	4.1	5.3	2.2	8.3
20	1.7	1.5	5.7	1.8	8.7	5.4	5.6	4.5	4.0	5.4	1.5	8.0
21	1.7	1.5	5.7	1.7	8.3	5.8	5.5	4.5	3.9	5.3	1.5	7.9
22	1.7	1.4	5.6	1.7	8.0	6.1	5.4	4.5	4.4	5.3	1.5	8.5
23	1.6	1.4	5.5	1.7	7.7	5.9	5.3	4.4	4.6	5.2	1.5	8.4
24	1.6	1.4	5.4	1.7	7.5	5.7	5.3	4.3	4.7	5.2	1.5	8.1
25	1.6	1.3	5.3	1.7	7.3	5.6	5.2	4.2	4.8	5.1	1.4	7.6
26	1.6	1.3	5.2	2.1	7.1	5.5	5.6	4.1	4.8	5.0	1.4	7.3
27	2.3	1.4	5.4	5.0	6.9	5.4	6.0	4.0	4.7	5.0	1.4	7.1
28	2.0	1.3	5.4	5.1	6.8	5.3	5.8	4.1	4.7	4.9	1.4	7.0
29	1.8		5.4	5.0	6.6	5.2	7.4	4.1	4.6	4.8	1.4	6.8
30	1.7		5.3	5.0	6.5	5.2	7.2	3.9	4.5	4.7	1.9	6.7
31	1.6		5.2		6.5		6.3	3.8		4.6		6.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	2.28	1.53	4.38	4.15	6.73	5.65	6.34	4.82	4.02	4.40	3.27	6.53
MAX.	6.4	2.1	7.7	5.2	8.7	7.4	8.8	6.6	4.8	5.4	4.6	8.5
MIN.	1.6	1.3	1.3	1.7	5.3	3.0	5.2	3.8	3.5	3.4	1.4	1.9

HIGHEST STAGE WAS 8.82, AT 800 A.M. JULY 8  
 LOWEST STAGE WAS 1.32, MAR. 3

DAILY STAGES FOR 1966

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. U. S. HIGHWAY 63 BRIDGE AT MILE 148.0.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. DAILY STAGES WERE FURNISHED BY U. S. GEOLOGICAL SURVEY. BANKFULL STAGE, 15 FEET. FLOOD FLOWS ARE DIVERTED THROUGH OAK DONNICK AND STEEP GUT FLOODWAYS AT DAM, FOUR MILES NORTHWEST OF MARKED TREE. SOME REGULATION BY WAPPAPELLO RESERVOIR AND BY SIPHONS AT DAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. EARLIER RECORDS IN REPORTS OF U. S. WEATHER BUREAU. DISCHARGE, JULY 1934 TO DATE IN REPORTS OF THE GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET, FROM WATERMARK, ON APR. 4, 1897. A STAGE OF 25.1 FEET WAS ESTIMATED FOR THE APR. 1913 FLOOD. LOWEST, MINUS 0.3 FOOT AT TIMES IN OCT. 1943, SEPT., AND OCT. 1954. MAXIMUM, 7,120 CFS ON FEB. 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE WAS NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS ON OCT. 13, 1941 (STAGE, -.2).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	4.8	6.2	7.3	5.3	8.2	7.5	5.1	4.9	4.6	4.0	3.9	0.8
2	7.8	6.3	7.3	5.3	8.6	7.3	5.1	4.9	4.6	4.2	3.9	0.8
3	10.6	6.4	7.2	5.3	7.7	7.1	5.2	5.3	4.5	4.2	3.9	0.8
4	11.1	6.4	7.1	5.2	6.7	6.9	5.2	5.2	4.5	4.2	3.8	0.8
5	11.1	6.3	7.0	5.2	5.9	6.8	5.1	4.9	4.5	4.2	3.8	0.9
6	11.2	6.3	6.9	5.2	7.8	6.6	5.0	4.7	4.4	4.2	3.8	0.9
7	11.3	6.3	6.8	5.2	7.9	6.6	5.0	4.6	4.3	4.2	3.8	0.9
8	11.2	6.3	6.7	5.1	7.8	6.5	4.9	4.6	4.3	4.2	3.8	0.9
9	10.8	6.3	6.6	5.1	7.6	6.5	4.9	4.5	4.2	4.2	3.7	1.0
10	10.2	9.6	6.5	5.1	7.4	6.4	4.9	4.5	4.2	4.2	3.9	2.2
11	9.8	11.7	6.4	5.1	7.3	6.3	4.8	4.4	4.2	4.2	4.0	2.6
12	9.4	11.9	6.3	5.1	7.3	6.2	4.8	4.9	4.1	4.2	4.1	2.3
13	9.1	11.1	6.2	5.1	7.3	6.1	4.7	5.3	4.1	4.2	4.0	1.8
14	8.8	9.8	6.1	5.1	7.3	6.1	4.7	5.3	4.1	4.2	4.0	1.7
15	8.5	8.4	6.1	5.1	7.1	6.3	4.6	5.3	4.1	4.2	4.0	1.6
16	8.2	7.3	6.0	5.0	7.9	6.2	4.6	5.0	4.0	4.2	3.9	1.6
17	8.0	6.5	5.9	5.0	10.3	6.1	4.6	6.9	4.0	4.2	3.9	1.5
18	7.7	5.9	5.9	5.0	10.7	6.0	4.6	8.8	3.9	4.2	3.9	1.4
19	7.6	5.4	5.8	5.1	11.1	6.0	4.6	7.4	4.1	4.2	3.9	1.3
20	7.4	7.3	5.8	5.1	10.6	5.9	4.6	5.6	4.1	4.2	3.9	1.3
21	7.3	7.5	5.7	7.2	9.5	5.8	4.5	4.0	4.1	4.2	3.9	1.2
22	7.2	7.4	5.7	6.6	8.1	5.7	4.4	5.4	4.1	4.1	3.9	1.2
23	7.1	7.2	5.6	6.2	6.9	5.5	4.4	5.7	4.1	4.1	3.8	1.2
24	7.0	7.2	5.6	7.4	6.7	5.4	4.4	5.5	4.0	4.1	A	1.2
25	6.9	7.1	5.6	9.8	8.1	5.5	5.1	5.3	4.1	4.1	A	1.2
26	6.8	7.1	5.5	10.9	8.5	5.4	5.4	5.1	4.0	4.0	A	1.1
27	6.7	7.1	5.5	10.8	7.8	5.4	5.3	5.0	3.9	3.9	A	1.1
28	6.6	7.2	5.5	10.2	6.8	5.3	5.3	4.8	3.9	3.9	A	7.1
29	6.5	5.4	5.4	9.2	8.2	5.2	5.3	4.8	3.8	3.9	0.9	8.9
30	6.4	5.4	5.4	8.0	8.2	5.2	5.2	4.7	3.8	3.8	0.9	8.7
31	6.3	5.4	5.4	7.9	7.9	5.0	5.0	4.7	3.8	3.9		7.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	8.36	7.47	6.14	6.29	8.03	6.12	4.87	5.22	4.14	4.11		2.18
MAX.	11.3	11.9	7.3	10.9	11.1	7.5	5.4	8.8	4.6	4.2		8.9
MIN.	4.8	5.4	5.4	5.0	5.9	5.2	4.4	4.0	3.8	3.8		0.8

A- NO RECORD  
 HIGHEST STAGE WAS 11.96 FROM 100 TO 400 A.M., FEB. 12.  
 LOWEST STAGE WAS 0.81, DEC. 3 AND 4.

DAILY STAGES FOR 1965

97

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. ON U.S. HIGHWAY 63 BRIDGE, MILE 148.0, AT MARKED TREE, ARK.

GAGE. RECORDER ON BRIDGE. GAGE IS READ AND MAINTAINED BY U.S. GEOLOGICAL SURVEY.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOW AFFECTED BY OPERATION OF WAPPAPELLO RESERVOIR AND SIPHONS OVER LEVEE, SEVEN MILES UPSTREAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. PUBLISHED ALSO BY U.S. WEATHER BUREAU. DISCHARGE, COMPUTED DAILY BY U.S. GEOLOGICAL SURVEY, JULY 1934 TO DATE. DISCHARGE PUBLISHED IN RECORDS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET (FROM WATERMARK) ON APR. 4, 1897. AN ESTIMATED CREST OF 25.1 FEET OCCURRED IN APRIL, 1913. LOWEST, MINUS 0.3 FOOT ON OCT. 6, 7, 10 AND 11, 1943, AND ON VARIOUS DATES IN SEPT. AND OCT., 1954. MAXIMUM, 7,120 CFS COMPUTED FOR 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS COMPUTED FOR OCT. 13, 1941 (STAGE, -0.21).

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.9	6.1	7.9	10.0	.63	5.2	4.9	4.5	3.0	5.7	4.8	5.3
2	2.7	6.0	7.9	9.4	6.2	5.2	4.9	4.5	3.2	5.7	4.8	5.2
3	3.0	6.0	7.7	9.2	6.0	5.1	4.8	4.4	3.2	5.7	4.8	5.1
4	2.6	5.9	7.5	9.6	6.0	5.0	4.8	4.3	3.2	5.6	4.7	5.1
5	2.5	5.9	7.4	10.4	5.9	5.0	5.5	4.3	3.4	5.5	4.7	5.0
6	2.5	5.8	7.7	10.5	5.8	5.0	5.8	4.2	3.5	5.5	4.7	5.0
7	2.4	5.8	7.7	10.5	5.7	5.0	6.1	4.2	3.6	5.5	4.7	4.9
8	2.3	5.8	7.7	9.9	5.6	5.0	5.8	4.3	3.5	5.5	4.7	4.9
9	3.7	5.7	7.5	8.9	5.6	5.0	5.6	4.4	3.4	5.5	4.7	4.8
10	7.7	8.0	7.3	7.9	5.5	4.9	5.5	4.4	3.2	5.5	4.7	4.8
11	8.6	9.7	7.1	7.0	5.5	5.0	5.5	4.3	4.9	5.5	4.6	4.8
12	8.5	11.7	7.0	6.3	5.5	5.1	5.5	4.2	7.9	5.4	4.6	4.8
13	7.5	11.9	6.9	5.6	5.4	5.1	5.3	4.1	8.7	5.4	4.6	4.8
14	6.4	11.6	6.8	7.5	5.4	5.4	5.2	4.0	8.5	5.4	4.7	4.8
15	7.8	11.0	6.7	7.6	5.4	6.1	5.1	3.9	7.9	5.4	4.8	4.8
16	8.0	9.8	6.6	7.5	5.4	6.5	5.0	3.8	7.8	6.7	4.7	4.8
17	7.8	8.3	6.9	7.3	5.4	6.4	5.0	3.8	7.6	6.9	4.7	4.8
18	7.6	7.2	7.3	7.1	5.3	6.1	4.9	3.7	7.1	6.9	4.6	4.8
19	7.4	6.5	7.2	7.0	5.3	5.8	4.9	3.6	6.7	6.7	4.6	4.8
20	7.2	5.9	6.8	6.9	5.3	5.6	4.8	3.5	6.4	6.6	4.6	4.8
21	7.1	5.5	6.5	6.8	5.2	5.5	4.8	3.4	6.3	6.4	4.6	4.8
22	6.9	5.0	6.4	6.8	5.2	5.4	4.7	3.4	6.4	6.2	4.8	4.7
23	7.2	7.2	6.3	6.7	5.2	5.3	4.7	3.3	7.2	6.1	5.3	4.7
24	7.3	7.5	6.2	6.6	5.1	5.3	4.6	3.5	6.9	5.9	6.2	4.7
25	7.1	7.5	6.2	6.6	5.1	5.2	4.6	3.4	6.6	5.3	6.6	4.7
26	6.8	7.4	7.4	6.5	5.0	5.2	4.7	3.4	6.4	5.0	6.6	4.7
27	6.6	7.5	7.7	6.5	5.1	5.1	4.8	3.3	6.2	5.0	6.5	4.7
28	6.5	7.7	7.3	6.4	5.2	5.0	4.8	3.3	6.0	4.9	6.4	4.7
29	6.3		7.3	6.4	5.2	5.0	4.7	3.3	5.9	4.9	6.2	4.7
30	6.2		9.5	6.3	5.2	5.0	4.7	3.2	5.8	4.8	5.5	4.7
31	6.2		10.2		5.2		4.6	3.0		4.8		4.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	5.91	7.50	7.31	7.72	5.28	5.32	5.05	3.84	5.68	5.67	5.08	4.84
MAX.	8.6	11.9	10.2	10.5	6.2	6.5	6.1	4.5	8.7	6.9	6.6	5.3
MIN.	2.3	5.0	6.2	5.6	.63	4.9	4.6	3.0	3.0	4.8	4.6	4.7

HIGHEST STAGE WAS 11.9 ON FEB. 13.  
 LOWEST STAGE WAS 2.3 ON JAN. 8.

B24

ST. FRANCIS RIVER AT MARKED TREE, ARK.

LOCATION. LAT. 35-32-02, LONG. 90-25-29. ON U.S. HIGHWAY 63 BRIDGE, MILE 148.0, AT MARKED TREE, ARK.

GAGE. RECORDER ON BRIDGE.

GENERAL INFORMATION. BANKFULL STAGE, 15 FEET. FLOW AFFECTED BY OPERATION OF WAPPAPELLO RESERVOIR AND SIPHONS OVER LEVEE, SEVEN MILES UPSTREAM.

RECORDS AVAILABLE. STAGE, AUG. 1, 1904, TO DATE. PUBLISHED ALSO BY U.S. WEATHER BUREAU. DISCHARGE, COMPUTED DAILY BY U.S. GEOLOGICAL SURVEY, JULY 1934 TO DATE. DISCHARGE PUBLISHED IN RECORDS OF U.S. GEOLOGICAL SURVEY.

EXTREMES. HIGHEST, 26.2 FEET (FROM WATERMARK) ON APR. 4, 1897. AN ESTIMATED CREST OF 25.1 FEET OCCURRED IN APRIL, 1913. LOWEST, MINUS 0.3 FOOT ON OCT. 6, 7, 10 AND 11, 1943, AND ON VARIOUS DATES IN SEPT. AND OCT., 1954. MAXIMUM, 7,120 CFS COMPUTED FOR 6 AND 7, 1937 (STAGE, 18.88). DISCHARGE NOT DETERMINED FOR RECORD HIGH STAGE. MINIMUM, 63 CFS COMPUTED FOR OCT. 13, 1941 (STAGE, -0.2).

DAILY EIGHT A.M. STAGE IN FEET FOR 1964

GAGE ZERO, 196.48 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	0.2	0.4	6.2	6.3	5.1	4.4	4.3	4.6	5.2	4.2	A
2	A	0.2	0.3	6.2	6.1	5.1	4.4	4.4	4.5	5.2	4.1	A
3	A	0.2	0.4	6.1	6.6	5.0	4.4	4.3	4.5	5.1	4.1	2.4
4	A	0.1	1.4	7.2	6.7	5.0	4.4	4.2	4.4	5.0	4.0	6.2
5	A	0.1	4.2	8.4	6.3	5.0	4.4	4.1	4.4	4.9	4.0	7.8
6	A	0.3	4.6	11.4	6.0	5.0	4.3	3.9	4.3	4.8	3.9	7.2
7	A	0.3	4.6	10.7	5.8	4.9	4.3	3.8	4.2	4.8	3.6	5.8
8	A	0.3	7.9	9.9	5.7	4.9	4.2	3.6	4.2	4.7	3.7	4.4
9	A	0.2	8.1	9.2	5.6	4.8	4.2	3.5	4.1	4.7	3.9	3.6
10	A	0.2	10.8	8.1	5.6	4.8	4.2	3.4	4.1	4.6	3.9	3.1
11	A	0.2	10.8	6.6	5.8	4.8	4.1	3.3	4.0	4.6	3.9	6.2
12	A	0.2	10.5	5.2	7.2	4.8	4.1	3.1	3.8	4.6	3.8	8.1
13	A	0.3	9.9	5.2	8.4	4.8	4.3	3.1	3.8	4.5	3.7	8.1
14	A	0.3	9.2	7.1	8.2	4.7	4.8	3.0	3.6	4.5	3.7	7.3
15	A	0.5	8.1	7.1	7.6	4.7	4.9	3.0	3.3	4.5	3.7	5.9
16	A	0.5	6.6	6.9	7.9	4.7	4.9	3.7	3.2	4.5	3.7	4.7
17	A	0.4	5.1	6.7	7.5	4.7	4.8	4.5	3.1	4.4	3.7	4.1
18	A	0.4	4.1	6.5	6.2	4.7	4.7	4.9	3.3	4.4	2.0	6.4
19	A	0.4	6.7	6.4	5.9	4.7	4.5	5.0	3.4	4.4	2.0	6.6
20	A	0.4	7.0	6.3	5.8	4.7	4.4	5.0	3.7	4.4	4.0	6.5
21	A	0.4	6.9	6.3	5.6	4.6	4.6	4.8	3.9	4.3	5.8	6.4
22	A	0.4	6.9	6.2	5.5	4.6	4.4	4.9	4.0	4.3	5.8	6.2
23	A	0.4	6.8	6.3	5.5	4.6	4.3	4.7	4.1	4.2	4.7	6.1
24	0.2	0.4	6.7	6.9	5.4	4.5	4.2	4.6	4.2	4.2	3.4	6.0
25	0.2	0.4	6.7	7.0	5.4	4.5	4.2	4.7	4.2	4.2	2.7	3.3
26	0.2	0.4	6.8	6.8	5.3	4.4	4.1	4.2	4.2	4.2	2.3	2.7
27	0.1	0.4	6.7	6.9	5.3	4.4	4.1	5.3	4.3	4.1	2.0	2.5
28	0.1	0.4	6.6	7.1	5.2	4.4	4.1	5.1	4.6	4.1	A	2.4
29	0.1	0.4	6.5	7.0	5.2	4.4	4.1	4.8	4.8	4.1	A	2.4
30	0.1		6.4	6.6	5.1	4.4	4.2	4.7	5.2	4.3	A	2.3
31	0.1		6.3		5.1		4.3	4.6		4.2		2.3

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	0.32	6.26	7.15	6.12	4.72	4.36	4.21	4.07	4.52
MAX.	0.5	10.8	11.4	8.4	5.1	4.9	5.3	5.2	5.2
MIN.	0.1	0.3	5.2	5.1	4.4	4.1	3.0	3.1	4.1

A- NO RECORD  
 HIGHEST STAGE WAS 11.43 AT 1100 A.M., APR. 6.  
 LOWEST STAGE WAS 0.11, JAN. 28.  
 U.S. GEOLOGICAL SURVEY.

1963

ST. FRANCIS RIVER  
Marked Tree, Ark.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)

Mile: 148.0

Lat.: 35° 32' 02" - Long.: 90° 25' 29"

USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 9.84 at 10:00 a.m. on 28 May.

Lowest: 0.12 on 1 November &amp; 9 December.

Period of record: 1 August 1904 to date.

Highest for period of record: -0.30 on 6, 7, 10 & 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.8	*	0.6	5.3	5.0	6.4	5.2	4.2	3.7	2.7	0.1	0.2
2	0.8	*	0.7	5.2	4.9	6.3	5.1	4.2	3.7	2.2	0.1	0.2
3	0.8	0.6	0.6	5.2	4.9	6.1	5.0	4.2	3.6	2.0	0.2	0.2
4	0.7	0.6	0.7	5.2	4.9	6.0	5.0	4.1	3.6	2.0	0.2	0.2
5	0.8	0.6	6.8	5.2	5.4	5.9	4.9	4.1	3.6	2.0	3.3	0.2
6	0.8	0.6	8.6	5.1	5.2	5.8	4.9	4.1	3.7	2.0	3.2	0.2
7	0.8	0.6	7.8	5.2	5.0	5.7	4.8	4.0	3.7	2.0	2.5	0.2
8	0.7	0.6	6.7	5.1	4.8	5.6	4.8	4.0	3.7	2.0	2.1	0.2
9	0.7	0.6	7.2	5.1	4.8	5.5	4.8	4.0	3.6	2.0	2.1	0.1
10	0.7	0.6	6.8	5.0	4.7	5.4	4.7	3.9	3.6	2.0	2.0	0.1
11	0.7	0.6	6.6	5.0	4.7	5.4	4.6	3.9	3.4	*	2.0	0.2
12	0.7	0.6	7.1	5.0	4.6	5.4	4.6	3.8	3.3	*	2.0	0.3
13	0.7	0.6	7.1	4.9	4.6	5.3	4.6	3.8	3.1	*	2.0	0.3
14	0.7	0.6	6.6	4.9	4.6	5.3	4.6	3.6	3.1	*	1.9	0.2
15	0.7	0.6	6.3	4.9	4.5	5.4	4.6	3.6	3.0	*	1.9	0.2
16	0.7	0.6	6.1	4.9	4.5	5.7	4.6	3.6	3.0	*	0.5	*
17	0.7	0.6	6.1	4.9	4.5	6.6	4.5	3.7	3.1	*	0.2	*
18	0.7	0.6	6.0	4.9	4.5	6.5	4.5	3.7	3.3	3.1	2.8	*
19	0.7	0.6	6.0	4.9	4.5	6.1	4.5	3.8	2.0	2.9	2.9	0.1
20	0.7	0.6	6.0	4.8	4.4	5.8	4.5	3.9	1.9	2.3	2.5	*
21	0.7	0.6	6.0	4.8	4.4	6.0	4.5	4.0	3.6	1.9	2.4	*
22	0.7	0.6	5.9	4.8	4.4	5.8	4.5	4.0	3.7	0.5	2.3	*
23	0.7	0.6	5.8	4.7	4.4	5.6	4.5	4.0	3.7	0.2	2.4	*
24	0.7	0.6	5.8	4.7	4.4	5.4	4.4	4.0	3.7	0.2	2.4	*
25	0.7	0.6	5.7	4.7	4.4	5.4	4.4	4.0	3.6	0.2	2.4	*
26	0.7	0.6	5.6	4.7	6.4	5.3	4.4	4.0	3.4	0.2	2.4	*
27	0.7	0.6	5.6	4.7	9.0	5.3	4.3	3.9	3.2	0.2	2.4	*
28	0.7	0.6	5.5	4.8	9.84	5.2	4.3	3.9	3.0	0.2	0.7	*
29	0.7		5.5	4.9	8.3	5.2	4.3	3.9	2.9	0.1	0.3	*
30	0.6		5.4	5.0	6.6	5.2	4.3	3.8	2.8	0.1	0.2	*
31	0.6		5.3		5.1		4.3	3.8		0.2		*

8:00 a.m. readings

\* No reading.

IMM 21

Feb 6h

1962

ST. FRANCIS RIVER  
Marked Tree, Ark.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)

Mile: 148.0

Lat.: 35° 32' 02" - Long.: 90° 25' 29"

USWB and USGS gage

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis  
River at Marked Tree, Arkansas.

Highest: 13.90 at 8:00 a.m. on 28 February

Lowest: L. W. record incomplete

Period of record: 1 August 1904 to date

Highest: for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various  
dates in September and October 1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	2.9	7.9	13.6	11.0	7.6	5.2	3.2	4.4	*	4.8	4.6	4.4
2	2.8	7.7	13.4	11.0	8.3	5.2	5.2	4.3	*	4.7	4.6	*
3	2.7	7.5	13.1	10.7	8.4	5.5	5.4	4.3	3.8	4.7	4.6	*
4	5.4	7.3	12.8	9.9	8.0	5.7	5.3	4.3	4.0	4.7	4.6	*
5	6.0	7.2	12.3	8.9	7.5	5.5	5.2	4.3	4.2	4.6	4.6	*
6	6.4	7.1	11.6	7.9	7.2	5.4	5.4	4.3	4.3	4.6	4.6	*
7	6.3	6.9	11.0	7.1	7.0	5.3	5.4	4.3	4.4	4.6	4.5	*
8	6.2	6.9	10.4	8.4	6.8	5.2	5.3	4.3	4.3	4.6	4.6	*
9	6.2	6.8	10.3	7.9	6.7	5.3	5.2	4.2	4.3	4.6	4.5	*
10	6.2	6.8	10.4	8.1	6.6	5.3	5.1	4.2	4.5	4.5	4.5	*
11	6.2	6.8	11.0	8.1	6.5	5.2	5.1	4.1	4.5	4.5	4.5	*
12	6.2	6.7	10.7	8.4	6.4	5.4	5.0	4.1	4.5	4.5	4.5	*
13	6.2	6.7	10.2	8.8	6.3	5.5	5.0	4.1	4.5	4.5	4.5	*
14	6.2	6.6	9.5	8.8	6.2	5.5	4.9	4.0	4.5	5.1	4.5	*
15	8.4	6.5	8.8	8.5	6.1	5.4	4.8	4.0	4.6	5.0	4.4	*
16	9.4	6.5	8.2	8.3	6.0	5.3	4.8	4.0	6.2	5.0	4.4	*
17	9.4	6.5	7.5	8.1	6.0	5.2	4.7	4.0	7.9	4.9	4.4	*
18	8.9	6.4	6.9	7.9	5.9	5.1	4.7	3.9	7.8	4.9	4.4	*
19	8.4	6.4	6.3	7.8	5.8	5.0	4.7	3.9	7.2	4.8	4.4	*
20	7.8	6.3	7.8	7.6	5.7	5.0	4.6	3.7	6.5	4.8	4.4	*
21	7.5	6.2	8.6	7.5	5.7	5.0	4.6	3.6	6.0	5.0	4.4	*
22	8.2	6.2	9.0	7.3	5.6	5.0	4.6	3.5	5.7	4.9	4.4	*
23	10.8	6.4	9.1	7.2	5.6	4.9	4.5	3.3	5.5	4.8	4.4	*
24	11.1	10.0	8.8	7.1	5.5	4.9	4.5	2.1	5.3	4.8	4.4	*
25	10.9	10.7	8.6	7.0	5.4	5.0	4.6	*	5.3	4.7	4.4	*
26	10.4	11.8	9.3	6.8	5.4	6.3	4.6	*	5.1	4.7	4.4	*
27	10.0	13.4	9.7	6.7	5.3	8.2	4.5	*	5.0	4.7	4.4	*
28	9.6	13.90	9.5	6.6	5.3	7.1	4.4	*	4.9	4.7	4.4	*
29	9.1		9.1	6.6	5.2	5.1	4.4	*	4.8	4.6	4.4	*
30	8.6		6.8	6.6	5.2	3.9	4.4	*	4.8	4.6	4.4	*
31	8.2		10.2		5.2		4.4	*		4.6		*

8:00 a.m. readings

\*no gage height record

IMS 21  
June 62

1961

ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)

Mile: 148.6

Lat.: 35° 32' 02" - Long.: 90° 25' 25"

USWE and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.09 on 11 May.

Lowest: 0.43 on 28 October.

Period of record: 1 August 1904 to date.

Highest for period of record: 25.1 in April 1913.

Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.9	4.8	6.8	10.3	6.7	7.6	5.5	4.9	4.4	3.7	3.1	3.3
2	2.1	4.8	6.7	10.6	6.7	7.4	5.5	4.8	4.3	3.6	2.7	3.0
3	2.3	4.9	6.5	10.5	6.6	7.2	5.5	4.8	4.3	3.3	3.2	2.7
4	5.0	4.8	6.4	10.0	6.6	7.0	5.4	5.2	4.2	3.0	3.5	2.5
5	5.4	4.8	6.4	9.4	6.5	6.8	5.4	5.0	4.2	0.9	3.8	2.4
6	5.4	4.8	7.3	8.9	6.9	6.7	5.3	4.5	1.7	0.7	3.8	2.3
7	5.3	4.8	8.6	8.4	8.0	6.7	5.2	4.8	1.2	0.6	3.9	2.2
8	5.3	5.6	9.9	8.1	8.4	6.7	5.2	4.7	3.9	0.6	3.9	2.1
9	5.2	5.7	10.2	7.8	10.2	6.6	5.2	4.7	4.1	0.6	3.9	4.5
10	5.2	5.6	10.2	7.6	10.9	6.8	5.2	4.7	4.1	0.6	3.8	9.0
11	5.1	5.4	9.7	7.4	11.1	7.7	5.1	4.7	4.0	0.6	3.8	9.7
12	5.1	5.3	9.1	8.0	10.9	7.9	5.1	4.6	4.0	3.6	3.8	9.9
13	5.1	5.2	9.4	8.4	10.4	7.7	5.1	4.6	3.9	3.7	3.7	9.3
14	5.1	5.2	9.9	8.4	9.8	7.3	5.1	4.6	3.9	3.5	3.6	8.6
15	5.1	5.2	9.9	8.4	9.2	7.0	5.0	4.5	3.9	3.1	3.7	7.5
16	5.2	5.1	9.5	9.6	8.8	6.8	5.0	4.5	3.9	2.7	4.0	6.2
17	5.2	5.1	8.9	9.6	8.5	6.6	5.0	4.5	3.8	0.9	2.7	8.3
18	5.2	5.2	8.6	9.2	8.2	6.5	5.0	2.7	3.8	0.7	2.1	9.2
19	5.3	5.1	8.4	8.6	8.1	6.3	4.9	1.6	3.7	3.2	1.6	9.0
20	5.2	5.1	8.2	8.1	8.0	6.2	4.9	4.1	3.6	3.3	1.4	8.2
21	5.2	5.7	8.1	7.8	8.0	6.1	4.9	4.4	3.5	2.8	1.3	6.9
22	5.1	7.2	7.9	7.5	8.0	6.1	4.8	4.4	3.4	1.0	1.6	5.6
23	5.1	7.7	7.8	7.3	8.2	6.0	4.8	4.4	3.3	0.7	8.5	4.7
24	5.0	7.4	7.7	7.1	8.3	5.9	4.8	4.4	3.3	0.6	9.6	4.2
25	5.0	7.4	7.6	7.0	8.4	5.8	4.8	4.4	3.3	0.5	9.1	3.9
26	5.0	7.2	7.5	6.9	8.3	5.8	4.9	4.4	3.2	0.5	8.3	3.6
27	5.0	6.8	7.7	6.8	8.3	5.7	5.0	4.4	3.2	0.5	7.5	3.4
28	5.0	6.7	7.9	6.8	8.2	5.6	5.0	4.4	1.0	0.4	6.5	3.3
29	4.9		7.8	6.7	8.1	5.6	5.1	4.3	0.8	3.5	5.2	3.2
30	4.9		7.7	6.6	8.0	5.6	5.0	4.3	3.5	3.7	4.0	3.1
31	4.9		8.9		7.8		5.0	4.3		3.5		3.0

8:00 a.m. readings.

1960

ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)  
 Mile: 148.0  
 Lat.: 35° 32' 02" - Long.: 90° 25' 29"  
 USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River  
 at Marked Tree, Arkansas.

Highest: 8.00 on 8 March.  
 Lowest: 0.50 on 27, 28 October.  
 Period of record: 1 August 1904 to date.  
 Highest for period of record: 25.1 in April 1913.  
 Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various  
 dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.7	5.8	5.7	7.4	5.3	6.3	5.3	4.7	2.4	3.7	4.5	0.8
2	5.8	5.8	5.7	7.6	5.3	6.2	5.4	4.6	2.4	3.6	4.6	0.9
3	5.7	5.8	5.8	7.7	5.4	6.0	5.4	4.6	2.3	3.6	4.7	1.0
4	5.8	5.8	5.8	7.8	5.3	6.0	5.4	4.6	3.3	3.6	M	1.0
5	5.6	5.7	5.9	7.8	5.1	5.8	5.4	4.7	3.6	3.2	M	1.0
6	5.6	5.8	5.9	7.9	5.0	5.9	5.4	4.6	4.0	3.1	M	1.0
7	5.6	5.7	5.9	7.4	5.1	5.8	5.0	4.6	4.1	2.6	2.2	1.2
8	5.7	5.6	5.9	7.4	5.0	M	4.8	4.6	4.0	2.3	1.0	1.8
9	5.6	5.6	5.9	7.0	5.0	M	4.6	4.6	3.6	2.0	1.0	1.9
10	5.7	5.7	6.0	6.8	5.1	M	3.5	4.5	4.2	3.0	0.9	2.0
11	5.7	5.6	6.1	6.4	5.0	M	3.0	4.5	5.0	3.2	6.6	2.0
12	5.7	5.7	6.3	6.4	5.1	M	2.5	4.6	5.1	3.5	7.0	2.1
13	5.7	5.8	6.3	6.4	5.0	M	2.3	4.5	5.2	3.3	6.0	2.3
14	5.6	5.8	6.3	M	5.0	5.4	2.3	4.5	4.9	3.4	5.0	2.4
15	5.7	5.8	6.4	M	5.1	5.4	2.3	4.5	4.7	3.0	5.1	2.5
16	5.7	5.8	7.0	M	5.2	5.3	2.0	4.6	4.6	2.5	5.3	2.6
17	5.7	5.9	7.6	6.0	5.2	5.2	2.0	4.5	4.6	2.0	5.0	2.6
18	5.6	5.8	8.00	6.0	5.2	5.2	2.1	4.5	4.5	1.5	3.5	3.7
19	5.6	5.8	7.5	5.8	5.1	5.3	2.0	4.5	4.5	1.0	2.5	2.8
20	6.0	5.7	7.6	5.6	5.0	5.4	2.0	4.5	4.5	0.9	2.0	2.9
21	6.2	5.7	7.6	5.6	5.4	5.4	1.9	5.0	4.3	0.8	2.0	3.0
22	6.3	5.7	7.5	5.5	6.5	5.3	1.9	5.1	4.2	0.8	1.5	2.9
23	6.3	5.7	7.4	5.4	7.9	5.2	4.0	5.2	4.0	0.7	1.0	3.0
24	6.4	5.8	7.5	5.5	7.5	5.1	4.0	5.0	3.9	0.6	0.9	3.0
25	6.2	5.7	7.5	5.6	7.0	5.1	4.1	5.0	4.0	0.6	0.8	3.1
26	6.0	5.8	7.4	5.6	6.6	5.0	4.5	4.8	3.9	0.6	0.8	2.9
27	5.9	5.8	7.5	5.5	6.8	4.9	4.5	4.8	3.6	0.50	0.7	2.8
28	5.9	5.8	7.6	5.3	6.8	4.9	4.6	4.7	3.5	0.50	0.6	2.8
29	5.9	5.7	7.6	5.2	6.4	5.2	4.7	4.7	3.6	0.6	0.6	2.9
30	5.9		7.5	5.3	6.4	5.1	4.7	4.8	3.5	1.1	0.6	2.9
31	5.9		7.4		6.3		4.6	3.3		3.5		3.0

7:00 a. m. readings

1959  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)  
Mile: 148.0  
Lat.: 35° 32' 02" - Long.: 90° 25' 29"  
USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.80 on 16 February.  
Lowest: 1.50 on 5-7, 13, 14 January.  
Period of record: 1 August 1904 to date.  
Highest for period of record: 25.1 in April 1913.  
Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.7	6.3	6.0	6.0	5.1	5.5	4.6	4.3	4.1	4.2	4.6	4.9
2	1.7	6.3	5.6	6.0	5.0	5.5	4.6	4.2	4.1	4.3	4.5	-
3	1.7	6.3	5.0	5.9	5.0	5.4	4.6	4.1	4.1	4.2	4.5	2.3
4	1.7	6.3	4.7	5.8	5.0	5.1	4.6	4.1	4.1	4.2	4.5	2.4
5	1.5	6.3	6.9	5.7	5.0	4.9	4.6	4.1	4.2	4.3	4.5	2.1
6	1.5	6.2	7.8	5.7	5.0	4.9	4.6	4.0	4.2	4.4	4.6	2.3
7	1.5	6.1	7.5	5.7	5.0	4.9	4.6	4.1	4.0	4.4	4.5	2.2
8	1.8	6.1	7.3	5.5	5.0	4.8	4.5	4.2	4.0	4.5	4.5	2.0
9	2.0	6.1	7.0	5.7	5.0	4.8	4.7	4.1	3.9	4.4	4.5	2.1
10	1.8	6.5	6.9	5.7	5.0	5.0	4.9	4.0	3.9	4.3	4.6	2.0
11	1.8	6.0	6.8	5.7	4.9	5.3	4.9	4.0	3.9	4.4	4.5	3.9
12	1.6	6.0	6.8	5.6	5.0	5.7	4.7	4.0	3.9	4.4	4.6	3.9
13	1.5	6.6	6.7	5.6	5.0	5.6	4.6	3.9	3.9	4.3	4.7	4.0
14	1.5	10.6	6.6	5.7	5.0	5.6	4.6	3.9	3.9	4.5	4.9	4.1
15	1.9	11.1	6.5	5.4	4.9	5.5	4.4	4.0	4.1	4.4	5.1	5.3
16	2.1	11.8	6.4	5.4	4.9	5.4	4.4	3.9	4.2	4.5	5.1	5.5
17	2.1	11.5	6.3	5.4	4.9	5.2	4.3	3.8	4.0	4.4	5.0	6.0
18	2.1	11.3	6.2	5.4	4.9	5.0	4.1	3.8	3.9	4.4	5.1	6.3
19	1.7	11.1	6.2	5.4	4.9	4.9	4.5	3.8	3.8	4.5	5.2	6.1
20	3.2	10.7	6.1	5.4	4.9	4.8	4.4	3.8	3.9	4.3	5.2	5.9
21	5.0	9.8	6.2	5.4	4.8	4.7	4.2	3.8	3.8	4.4	5.3	5.9
22	6.0	7.8	6.4	5.3	4.8	4.7	4.2	3.8	3.8	4.5	5.2	5.8
23	6.8	9.4	6.5	5.2	4.8	4.7	5.1	3.8	3.7	4.4	5.3	5.7
24	6.5	9.5	6.3	5.1	4.8	4.7	5.1	3.8	3.3	4.5	5.2	5.7
25	6.0	9.4	6.2	5.1	4.8	4.7	4.8	3.8	3.0	4.5	5.1	5.8
26	4.8	8.3	6.2	5.1	4.8	4.8	4.7	3.8	3.0	4.5	5.0	5.7
27	6.8	7.5	6.1	5.0	4.8	4.7	4.5	4.0	3.3	4.4	4.9	5.7
28	6.7	6.7	6.0	5.1	4.8	4.8	4.5	4.0	4.0	4.5	4.8	5.8
29	6.5		6.0	5.1	4.9	4.6	4.5	3.9	4.3	4.6	4.8	5.6
30	6.4		6.0	5.1	5.4	4.6	4.5	3.8	4.2	4.6	4.9	5.6
31	6.4		6.0		5.5		4.3	3.8		4.5		5.7

7:00 a.m. readings.

1958  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)  
Mile: 148.0  
Lat.: 35° 32' 02" - Long.: 90° 25' 29"  
USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.90 on 26 March.  
Lowest: 0.80 on 10-13 November.  
Period of record: 1 August 1904 to date.  
Highest for period of record: 25.1 in April 1913  
Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in September and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	5.4	8.5	7.9	10.0	9.8	6.7	5.4	5.7	4.5	4.8	4.2	2.4
2	5.1	8.2	7.9	9.7	10.4	6.6	5.3	5.6	4.6	4.8	4.2	2.4
3	4.9	7.9	7.5	9.5	11.6	6.5	5.3	5.5	4.5	4.8	1.6	2.4
4	4.8	7.7	7.2	10.4	11.2	6.3	5.3	5.6	4.5	4.7	1.0	2.2
5	4.6	7.5	6.9	10.4	11.2	6.2	5.3	5.5	4.5	4.7	1.0	2.2
6	4.5	7.6	6.8	10.2	11.0	6.0	5.3	5.7	4.5	4.7	1.0	2.2
7	4.4	10.0	6.9	10.0	10.6	5.9	6.0	5.7	4.5	4.5	0.9	2.1
8	4.1	8.5	7.9	9.7	10.1	5.8	9.0	5.7	4.5	4.5	1.0	2.0
9	4.1	8.2	8.7	9.4	10.5	5.8	8.9	5.6	4.5	4.5	1.0	2.0
10	4.0	8.0	9.4	9.1	11.5	5.7	8.2	5.6	4.5	4.5	0.8	2.0
11	6.6	7.7	9.4	8.9	11.7	5.7	7.2	5.6	4.6	4.5	0.8	2.0
12	6.9	7.5	8.9	8.4	11.6	5.6	6.1	5.6	4.5	4.5	0.8	2.0
13	7.2	7.2	8.6	8.5	11.2	5.6	7.4	5.5	4.3	4.5	0.8	1.9
14	7.3	7.1	8.5	8.2	10.7	5.5	7.4	5.5	4.3	4.5	1.0	1.9
15	7.4	7.1	8.3	8.1	10.0	3.9	7.2	5.5	4.3	4.4	3.6	1.8
16	7.4	6.9	8.1	8.0	9.4	2.7	6.9	5.5	4.3	4.4	3.6	1.8
17	7.0	6.9	7.8	7.9	8.7	2.5	6.7	5.5	4.3	4.4	3.5	1.8
18	6.8	6.8	8.5	7.8	8.2	5.2	6.4	5.1	4.4	4.4	3.9	1.8
19	7.1	6.8	8.6	7.5	7.6	5.4	6.2	5.0	4.4	4.4	5.0	1.7
20	7.1	6.8	8.6	7.4	7.2	5.5	5.9	5.0	4.8	4.4	4.9	1.7
21	10.5	6.5	8.1	7.3	6.7	5.5	5.9	4.9	5.4	4.3	4.0	1.7
22	11.5	6.4	7.9	7.3	8.2	5.5	6.0	4.9	5.6	4.3	3.7	1.6
23	11.7	6.2	8.9	7.2	8.4	5.5	5.8	5.8	5.5	4.3	3.3	1.6
24	11.8	4.0	10.9	7.1	8.3	5.5	6.4	5.8	5.4	4.3	2.8	1.6
25	11.6	3.5	11.7	8.2	8.2	5.5	6.7	5.8	5.3	4.3	2.7	1.6
26	11.1	5.8	11.9	7.8	8.0	5.6	6.7	5.4	5.1	4.2	2.6	1.6
27	10.7	7.1	11.8	8.1	7.7	5.6	6.6	4.8	4.9	4.2	2.5	1.6
28	10.2	7.8	11.4	8.4	7.5	5.5	6.0	4.8	4.8	4.2	2.5	1.6
29	9.8		10.9	8.7	7.3	5.4	5.8	4.7	4.8	4.2	2.6	1.5
30	9.4		10.6	9.5	7.1	5.4	5.8	4.7	4.8	4.2	2.6	1.5
31	8.9		10.3		6.9		5.8	4.7		4.2		1.5

7:00 a.m. readings

1957  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. 1. (196.75 m. g. 1.)  
Mile: 148.0  
Lat.: 35° 32' 02" - Long.: 90° 25' 29"  
USWB and USGS gage.

Automatic recording gage is on U. S. Highway # 63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 13.90 on 19-20 November  
Lowest: 0.00 on 12-18 January  
Period of record: 1 August 1904 to date  
Highest for period of record: 25.1 in April 1913  
Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in Sept. and October 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.1	10.4	7.9	5.5	7.6	9.5	7.6	6.8	6.1	4.9	2.6	13.0
2	0.1	10.8	7.5	6.2	7.4	10.7	7.6	6.5	6.0	4.9	2.5	12.9
3	0.1	10.4	7.3	6.0	7.2	10.9	7.5	6.3	6.0	4.9	2.4	12.7
4	0.1	8.8	7.0	10.3	7.0	10.6	7.5	6.4	6.0	4.8	2.4	12.4
5	0.1	9.2	6.2	11.1	6.8	10.4	7.8	6.2	5.9	4.8	2.3	12.0
6	0.1	8.4	6.7	10.8	6.7	10.1	7.9	6.0	5.8	1.8	2.3	11.5
7	0.1	7.9	6.6	10.2	6.7	10.0	7.9	5.9	5.7	1.8	2.3	12.4
8	0.1	7.7	6.6	10.2	6.6	9.8	7.9	5.7	5.6	4.5	6.8	12.9
9	0.1	8.0	6.6	10.2	6.5	10.0	7.8	5.7	5.5	2.6	8.3	13.2
10	0.1	7.7	6.4	9.4	6.5	9.8	7.6	5.6	5.4	1.6	8.0	13.2
11	0.1	7.4	6.2	8.5	6.7	9.6	7.6	5.5	5.4	4.5	7.2	12.9
12	0.0	5.1	6.4	7.6	6.8	9.5	7.1	5.5	5.4	4.6	6.2	12.4
13	0.0	6.8	6.3	6.9	6.4	9.1	7.0	5.4	5.2	4.6	6.5	12.0
14	0.0	6.8	6.2	6.2	7.4	8.9	6.9	5.4	5.2	4.6	9.6	11.4
15	0.0	6.5	6.2	5.7	8.7	8.5	6.9	6.2	5.2	4.6	10.6	10.6
16	0.0	8.2	6.1	7.6	9.3	8.0	6.7	7.6	5.2	4.8	10.7	10.1
17	0.0	9.0	6.1	7.9	9.6	7.7	6.7	9.0	5.2	6.2	11.5	9.4
18	0.0	8.8	6.0	8.0	9.8	7.5	6.8	8.3	5.1	6.8	13.0	8.8
19	2.5	8.7	6.1	8.0	9.3	7.1	6.7	7.2	5.1	6.6	13.9	8.2
20	4.1	8.5	6.1	8.0	9.9	8.0	6.6	6.5	5.0	6.4	13.9	8.8
21	4.2	8.2	6.1	8.0	10.1	8.5	6.5	6.0	5.0	6.2	13.7	8.9
22	4.2	7.9	6.1	7.8	10.1	8.5	6.5	7.2	5.2	6.1	13.5	8.5
23	5.8	7.4	5.9	7.6	10.2	8.1	6.4	7.8	5.2	6.4	13.4	7.8
24	5.8	7.2	5.8	7.7	11.1	8.3	6.4	7.6	5.2	7.2	13.2	7.0
25	5.8	7.3	5.9	7.9	11.4	8.5	6.4	7.3	5.3	7.2	12.9	6.5
26	5.2	8.3	6.0	8.1	11.2	8.3	6.4	7.0	5.3	7.0	12.7	6.8
27	5.1	8.4	6.0	8.0	11.3	8.0	6.4	6.7	5.2	6.6	12.7	6.9
28	6.5	8.2	5.9	7.8	11.2	7.7	6.2	6.6	5.1	6.4	12.9	6.9
29	9.3		5.8	7.8	10.9	7.5	6.1	6.4	5.0	6.2	13.1	6.6
30	11.4		5.7	7.7	10.4	7.5	7.0	6.3	4.9	3.4	13.1	6.2
31	10.2		5.5		9.9		7.1	6.2		2.8		5.8

7:00 a.m. readings.

1956  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)  
Mile: 148.0  
Lat.: 35°32'02" - Long.: 90°25'29"  
USWB and USGS gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.20 on 20, 21 February  
Lowest: -0.10 on 25-30 September  
Period of record: 1 August 1904 to date  
Highest for period of record: 25.1 in April 1913  
Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in Sept. and Oct. 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.4	8.2	6.5	5.5	7.0	6.5	4.8	3.9	3.6	3.4	0.0	0.0
2	0.4	8.6	5.9	5.4	7.1	5.4	4.8	3.9	3.6	3.4	3.0	0.0
3	0.4	9.5	5.3	5.4	6.8	5.3	4.8	3.9	3.5	3.2	0.0	0.0
4	0.4	9.3	4.8	5.8	6.5	5.1	4.8	3.9	2.8	2.5	0.0	0.0
5	0.4	8.8	4.4	5.8	6.1	5.1	4.5	3.9	2.5	2.3	0.0	0.0
6	0.4	8.0	6.6	6.0	5.8	5.0	4.5	3.8	2.7	2.3	0.0	0.0
7	0.4	6.9	6.9	6.1	5.6	5.0	4.5	3.5	2.7	0.0	0.0	0.0
8	0.4	6.1	7.1	6.1	5.5	4.9	4.4	3.4	2.5	0.0	0.0	0.0
9	0.4	5.5	6.8	5.6	5.4	4.8	4.4	3.2	2.1	0.0	0.0	0.0
10	0.4	5.8	6.6	5.6	5.3	4.7	4.4	3.2	2.0	1.5	0.0	0.0
11	0.2	5.3	6.3	5.7	5.2	4.6	4.4	0.5	2.3	1.3	0.0	0.0
12	0.2	5.0	6.5	6.0	5.1	4.5	4.2	0.2	2.0	0.0	0.0	0.0
13	0.2	4.5	6.4	5.9	5.1	4.4	4.2	0.2	0.4	0.0	0.0	0.1
14	0.2	4.0	7.4	5.8	5.0	4.6	4.2	0.2	0.2	0.0	0.0	0.1
15	0.2	4.3	7.6	5.9	5.4	4.6	4.2	0.2	0.2	0.0	0.0	0.1
16	0.2	5.3	7.4	6.2	5.6	4.6	4.1	3.2	0.2	0.0	0.0	0.0
17	0.2	7.3	7.3	6.2	5.4	4.6	4.0	3.7	0.2	0.0	0.0	0.0
18	0.2	10.5	6.8	6.0	5.3	4.6	4.0	3.8	0.0	4.0	0.0	0.1
19	0.2	10.9	6.5	5.9	5.2	4.6	4.0	3.5	0.0	0.9	0.0	0.1
20	3.5	11.20	6.2	5.8	5.2	4.5	4.0	3.5	0.0	0.0	0.0	0.2
21	3.7	11.20	6.1	5.5	5.1	4.5	4.0	3.2	0.0	0.0	0.4	0.2
22	3.7	11.1	6.0	5.4	5.0	4.4	4.2	3.2	0.0	0.0	0.2	0.2
23	3.7	10.6	5.9	5.3	5.0	4.4	4.2	1.2	0.0	0.0	0.2	0.3
24	3.7	10.1	5.9	5.2	5.0	4.4	4.1	0.5	0.0	0.0	0.1	0.5
25	3.7	9.7	5.8	5.1	5.1	4.4	4.1	0.2	-0.10	3.0	0.1	0.3
26	3.4	9.0	5.8	5.1	5.1	4.6	4.0	0.2	-0.10	2.9	0.0	0.3
27	3.3	8.5	5.8	5.1	5.1	5.2	4.0	0.1	-0.10	3.0	0.0	0.3
28	3.4	7.8	5.7	5.1	5.0	5.2	4.0	0.1	-0.10	0.0	0.0	0.3
29	4.2	7.1	5.6	5.1	5.0	5.2	4.0	3.2	-0.10	0.0	0.0	0.2
30	8.2		5.5	5.5	4.9	5.1	3.9	3.7	-0.10	0.0	0.0	0.2
31	8.1		5.5		4.9		3.9	3.8		0.1		0.1

7:00 A. M. readings

1955  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.)  
 Mile: 148.0.  
 Lat.: 35°32'02" - Long.: 90°25'29".  
 U. S. W. B. & U. S. G. S. gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 11.90 on 15 April.  
 Lowest: 0.00 on 19, 20, 25 October; 4, 5, 17 November.  
 Period of record: 1 August 1904 to date.  
 Highest for period of record: 25.1 in April 1913.  
 Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943 and various dates in Sept. and Oct. 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.8	4.1	4.9	6.2	6.5	7.1	5.1	4.7	2.8	1.8	0.3	0.2
2	0.6	4.1	4.8	7.1	6.3	6.9	4.9	4.6	2.8	1.8	0.3	0.2
3	0.5	4.1	4.9	7.7	6.2	6.8	4.9	4.5	2.7	1.8	0.2	0.2
4	0.7	4.1	4.9	7.9	6.1	6.5	4.9	4.4	2.7	2.2	0.0	0.4
5	0.7	4.4	4.9	7.5	7.3	6.3	5.0	4.3	2.5	2.1	0.0	0.5
6	0.7	4.8	6.1	9.1	7.5	6.2	5.5	4.3	2.3	2.1	0.2	0.5
7	0.7	4.9	6.1	9.6	6.2	6.1	6.9	4.3	2.2	2.0	0.1	0.5
8	0.7	4.8	5.7	9.2	5.7	6.0	5.9	4.3	2.1	2.0	0.1	0.5
9	0.7	4.7	5.4	8.6	5.5	5.9	5.7	1.5	2.2	2.0	0.1	0.5
10	0.7	4.5	5.4	8.2	5.5	5.8	3.8	3.8	2.1	2.0	0.1	0.5
11	0.8	4.5	5.4	8.0	5.4	5.8	3.1	4.2	2.1	2.0	0.1	0.5
12	0.7	4.5	5.1	8.0	5.4	5.7	2.6	4.2	2.1	1.8	0.1	0.4
13	0.7	4.5	5.0	10.8	5.4	5.6	4.7	4.2	2.1	1.8	0.1	0.4
14	3.4	4.4	5.0	11.7	5.4	5.6	5.1	4.2	2.1	1.8	0.1	0.4
15	4.1	4.3	5.0	11.9	5.4	5.6	5.1	4.1	2.0	1.8	0.1	0.4
16	4.2	4.3	5.0	11.4	5.4	5.5	5.0	4.1	2.0	1.8	0.1	0.4
17	4.3	4.3	5.0	10.7	5.4	5.4	5.0	4.1	1.8	1.0	0.0	0.4
18	4.2	4.3	6.2	10.2	5.4	5.3	5.0	4.0	1.8	0.5	0.1	0.4
19	4.4	4.3	7.8	9.5	5.3	5.2	4.9	4.0	1.8	0.0	0.1	0.4
20	4.5	4.6	8.0	8.8	5.2	5.2	4.9	4.0	1.6	0.0	0.1	0.4
21	4.5	5.2	8.8	9.2	5.2	5.2	4.9	4.0	1.6	2.8	0.1	0.4
22	4.5	5.5	9.5	10.0	5.2	5.2	4.9	3.9	1.6	3.0	0.1	0.4
23	4.5	5.3	9.2	9.7	5.3	5.2	4.9	3.9	1.6	0.8	0.2	0.4
24	4.3	5.1	8.7	9.4	5.3	5.2	4.9	3.8	1.6	0.6	0.2	0.4
25	4.2	5.0	8.2	8.8	5.3	5.2	4.9	3.7	1.7	0.0	0.2	0.4
26	4.2	5.0	7.7	8.2	5.5	5.2	4.9	3.6	1.7	0.6	0.2	0.4
27	4.3	5.0	7.2	7.7	7.8	5.2	4.8	2.5	1.7	0.1	0.2	0.4
28	4.3	4.9	4.7	7.3	8.3	5.2	4.8	2.7	1.8	2.8	0.2	0.4
29	4.3		3.6	7.0	8.1	5.1	4.8	2.9	1.8	2.8	0.2	0.4
30	4.3		3.2	6.8	7.6	5.1	4.8	2.7	1.8	2.8	0.2	0.4
31	4.2		5.6		7.3		4.8	2.7		2.8		0.4

7:00 a. m. readings

1954  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m. s. l. (196.75 m. g. l.).  
Mile: 148.0.  
Lat.: 35° 32' 02" - Long.: 90° 25' 29".  
U.S.W.B. & U.S.G.S. gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 6.20 on 16 January.  
Lowest: -0.30 on various dates in Sept., Oct.  
Period of record: 1 August 1904 to date.  
Highest for period of record: 25.1 in April 1913.  
Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1913 and various dates in Sept. and Oct. 1954.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.4	2.0	1.9	4.5	1.7	4.9	4.3	1.9	0.2	-0.2	-0.2	-0.2
2	0.4	2.0	1.9	5.0	2.2	4.8	4.3	1.9	0.1	-0.2	3.0	-0.2
3	0.4	1.9	1.9	4.9	3.4	4.7	4.3	1.9	0.1	-0.2	3.3	-0.2
4	0.4	1.8	1.9	4.8	3.6	4.7	4.3	1.9	2.5	2.6	0.6	-0.2
5	0.4	1.7	1.8	4.8	3.2	2.1	4.3	1.9	1.4	0.8	0.1	-0.2
6	0.4	1.6	1.7	4.8	2.8	1.7	4.2	1.9	0.2	2.9	0.0	-0.2
7	0.4	1.5	1.6	2.3	5.2	4.3	4.1	1.9	0.1	2.9	0.0	-0.2
8	0.4	1.4	1.6	1.7	5.4	4.5	4.1	1.9	0.0	0.2	0.0	-0.2
9	0.4	1.4	1.6	1.6	5.3	4.5	4.1	2.3	0.0	-0.1	0.0	-0.2
10	0.8	1.4	1.5	1.5	5.2	4.5	4.0	2.4	-0.1	-0.1	3.2	-0.2
11	1.0	1.4	1.5	1.5	5.2	4.5	4.0	2.4	-0.1	-0.2	3.2	-0.2
12	1.1	1.4	1.5	1.5	5.1	4.5	4.0	2.4	-0.1	-0.3	0.5	0.2
13	0.8	1.4	1.5	1.5	5.1	4.5	4.0	2.4	-0.2	2.7	0.0	0.2
14	0.7	1.4	1.5	1.5	5.1	4.4	3.9	2.4	2.5	4.9	0.0	0.2
15	3.0	1.4	1.4	1.5	5.0	4.4	3.9	2.4	1.7	1.8	0.0	0.2
16	6.2	1.7	1.4	1.5	5.0	4.4	3.7	2.4	1.4	1.4	-0.2	0.2
17	5.6	2.4	1.4	1.6	5.0	4.3	3.7	2.2	0.0	1.2	-0.2	0.2
18	4.6	2.5	1.4	1.5	5.0	4.5	3.7	1.7	0.0	0.0	-0.2	0.2
19	3.4	2.2	1.4	1.5	2.3	4.6	3.5	1.7	-0.1	-0.2	-0.2	0.2
20	2.8	3.7	1.4	1.5	1.8	4.6	2.3	1.8	-0.2	-0.3	-0.2	0.2
21	5.0	3.7	1.4	1.5	1.7	4.5	2.4	1.9	-0.2	-0.3	0.0	0.2
22	5.2	3.3	1.4	1.5	4.5	2.1	2.8	1.9	-0.2	-0.3	0.0	0.2
23	4.2	2.8	1.4	1.5	5.8	1.3	2.7	2.0	-0.3	-0.3	0.0	0.2
24	3.5	2.6	1.4	1.5	5.0	4.0	2.8	2.0	-0.3	-0.3	-0.1	0.2
25	3.2	2.4	1.9	1.4	4.9	4.3	2.8	2.0	-0.3	-0.3	-0.1	0.2
26	2.8	2.2	2.2	1.4	2.5	4.4	3.5	1.9	-0.3	-0.3	-0.1	0.2
27	3.6	2.0	2.3	1.4	1.7	4.4	3.5	1.9	-0.3	-0.3	-0.2	0.2
28	3.2	1.9	2.1	1.2	4.0	4.3	3.4	1.8	-0.3	-0.3	-0.2	0.4
29	3.0		2.1	1.5	4.6	4.3	3.3	1.8	2.7	-0.3	-0.2	0.7
30	2.8		2.0	1.6	4.7	4.3	2.8	1.5	0.7	-0.3	-0.2	0.8
31	2.2		2.0		4.9		2.3	0.5		-0.2		0.8

7:00 a. m. readings

1953  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 n. s. l. (196.75 n. g. l.)  
Mile: 148.0  
Lat.: 35° 32' 02" - Long.: 90° 25' 29"  
U.S.W.B. & U.S.G.S. gage.

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 12.40 on 19 May.  
Lowest: 0.20 on 14-19 September.  
Period of record: 1 August 1904 to date.  
Highest for period of record: 25.1 in April 1913.  
Lowest for period of record: -0.30 on 6, 7, 10 and 11 October 1943.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.8	2.0	5.6	8.5	6.7	6.6	4.0	1.5	0.5	0.7	0.3	0.3
2	0.8	1.8	6.2	8.2	7.4	6.4	4.0	1.4	0.5	0.6	0.3	0.3
3	0.8	1.6	7.0	7.9	7.1	7.4	4.0	1.3	0.4	0.6	0.3	0.3
4	0.8	1.5	7.2	7.7	7.2	7.7	4.0	1.2	0.4	0.6	0.3	0.4
5	0.8	1.4	7.2	7.3	7.3	7.6	3.9	1.2	0.4	0.5	0.3	0.4
6	0.8	1.4	7.0	7.3	7.1	7.4	3.8	1.2	0.4	0.4	0.3	0.5
7	0.8	1.4	7.0	7.3	6.9	7.2	3.8	1.2	0.4	0.4	0.3	0.4
8	1.6	1.4	6.7	7.1	6.6	7.0	3.8	1.2	0.4	0.4	0.3	0.4
9	1.6	1.1	6.4	6.9	6.4	6.8	3.9	1.2	0.3	2.7	0.3	0.4
10	1.6	4.4	6.3	6.7	6.3	6.6	4.0	1.2	0.3	2.2	0.3	0.4
11	1.6	6.7	6.2	6.5	6.9	6.4	4.0	1.1	0.3	0.5	0.3	0.4
12	1.2	8.1	6.2	6.4	9.3	6.5	4.0	1.1	0.3	0.4	0.3	0.4
13	1.1	7.9	6.2	6.3	12.1	6.5	4.1	1.1	0.3	0.4	0.3	0.4
14	1.1	7.3	6.2	6.2	9.9	6.3	4.1	1.1	0.2	0.3	0.3	0.4
15	1.1	7.0	7.2	6.2	10.3	6.2	2.5	1.1	0.2	0.3	0.3	0.4
16	1.1	6.5	8.1	6.0	10.5	5.9	1.4	1.1	0.2	0.3	0.3	0.4
17	1.1	6.2	8.1	5.9	11.1	5.9	3.7	1.0	0.2	0.3	0.3	0.4
18	1.2	5.9	10.2	6.0	11.7	5.7	4.1	0.9	0.2	2.7	0.3	0.4
19	1.2	5.6	11.1	6.2	12.4	5.6	3.9	0.9	0.2	2.5	0.3	0.4
20	1.2	6.2	11.0	6.0	12.1	5.5	3.7	0.8	0.3	0.4	0.4	0.4
21	1.2	7.0	11.0	5.9	11.5	4.7	4.9	0.8	0.3	0.3	0.4	0.4
22	1.2	6.8	10.4	5.8	10.7	4.6	7.1	0.7	0.3	0.3	0.4	0.4
23	1.8	6.5	11.2	5.7	9.5	4.6	6.1	0.7	0.3	0.3	0.3	0.4
24	2.2	6.3	11.3	5.8	8.5	4.4	5.1	0.6	0.3	0.3	0.3	0.4
25	2.0	6.2	11.0	6.2	7.3	4.3	4.3	0.6	0.3	0.3	0.3	0.4
26	1.8	6.0	10.5	5.8	8.1	4.2	4.2	0.6	0.3	0.3	0.3	0.4
27	1.7	5.9	10.0	5.8	9.0	4.1	4.0	0.6	0.7	2.8	0.3	0.4
28	1.7	5.8	9.4	5.7	8.7	4.0	3.8	0.6	0.7	1.4	0.3	0.4
29	1.6		8.9	5.6	7.2	4.0	3.6	0.6	0.7	0.3	0.3	0.4
30	1.5		8.4	7.5	6.9	4.0	2.0	0.6	0.7	0.3	0.3	0.4
31	1.6		8.0		6.7		1.6	0.6		0.3		0.4

7:00 a. m. readings

NOV. 1953 (CLASS A)

1952  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

Zero of gage: 196.44 m.s.l. (196.75 m.g.l.)  
Mile: 116.0  
Lat. 35° 32' 02" - Long. 90° 25' 29"  
U.S.W.B. & U.S.G.S. gage

Automatic recording gage is on U. S. Highway #63 bridge across St. Francis River at Marked Tree, Arkansas.

Highest: 12.0 on 13 Mar.  
Lowest: 0.20 on 30-31 Oct.; 1-8 Nov.  
Period of record: 1 Aug. 1904 to date.  
Highest for period of record: 25.1 in April 1913.  
Lowest for period of record: -0.30 on 6, 7, 10 and 11 Oct. 1943.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.3	7.2	8.3	9.4	6.4	5.1	4.0	1.5	1.0	0.5	0.2	0.5
2	8.0	7.0	7.7	9.4	6.3	5.0	3.7	0.9	1.1	0.5	0.2	0.5
3	8.4	7.1	7.5	9.4	6.2	5.0	3.6	0.9	1.0	0.5	0.2	0.6
4	10.0	7.2	8.5	9.2	6.2	5.0	3.5	0.9	1.0	0.5	0.2	1.3
5	11.1	7.5	8.7	9.0	6.1	5.0	3.4	0.8	1.0	0.4	0.2	2.0
6	11.3	7.4	8.5	8.8	6.1	5.0	3.2	0.8	1.0	0.5	0.2	1.9
7	11.2	7.3	8.2	8.6	6.1	5.0	3.2	0.8	0.9	0.4	0.2	1.9
8	10.9	7.2	7.9	8.4	6.0	5.0	3.2	0.8	0.9	0.4	0.2	1.7
9	10.7	7.1	7.7	8.2	5.9	5.0	3.2	0.8	0.9	0.5	0.3	1.4
10	10.7	8.3	7.7	8.0	6.0	4.9	3.2	0.7	0.8	0.5	0.3	1.4
11	10.5	8.5	11.1	7.7	6.2	4.9	3.2	0.7	0.8	0.5	0.3	1.3
12	10.4	8.6	11.9	7.4	6.1	4.9	3.2	0.7	0.8	0.5	0.3	1.2
13	10.1	9.1	12.0	8.2	6.1	4.8	3.2	0.8	3.0	0.5	0.3	1.1
14	9.9	10.1	11.6	8.4	5.7	4.7	3.1	1.4	2.7	0.4	0.3	1.1
15	9.8	10.3	10.9	8.2	5.6	4.6	3.1	4.2	0.9	0.4	0.3	1.1
16	9.5	10.4	10.4	8.0	5.5	4.6	3.2	4.2	0.8	0.4	0.3	1.1
17	9.3	10.4	9.9	7.6	5.5	4.6	3.2	4.1	0.7	0.4	0.3	1.0
18	9.2	10.4	9.5	7.4	5.3	4.6	3.1	3.9	0.7	0.4	0.4	1.0
19	9.0	10.2	9.4	7.2	5.2	4.6	3.0	4.5	0.7	0.4	0.4	0.9
20	8.9	10.9	9.2	7.1	5.2	24.2	3.0	3.8	0.6	0.4	0.4	1.0
21	8.8	11.7	8.9	6.9	5.2	4.0	2.9	4.6	0.6	0.4	0.5	1.0
22	9.6	11.8	9.4	6.8	5.2	4.3	1.9	4.5	0.6	0.4	0.5	1.0
23	10.0	11.9	10.6	6.7	5.1	4.3	1.2	3.8	0.6	0.4	0.5	1.0
24	9.7	11.4	11.2	6.7	5.2	4.2	1.0	3.6	0.6	0.3	0.5	1.0
25	9.2	11.1	11.2	6.7	5.2	4.1	1.0	4.1	0.6	0.3	0.4	0.9
26	8.8	10.8	10.9	6.7	5.3	3.7	0.9	3.6	0.6	0.3	0.5	0.9
27	8.6	10.5	10.5	6.7	5.2	4.0	0.9	3.4	0.5	0.3	0.5	0.8
28	8.5	10.3	10.2	6.6	5.2	3.9	0.9	3.4	0.5	0.3	0.5	0.8
29	8.4	8.8	9.9	6.6	5.3	3.8	0.8	3.3	0.5	0.3	0.5	0.8
30	7.8		9.6	6.5	5.1	3.8	3.2	3.2	0.5	0.2	0.5	0.8
31	7.4		9.4		5.1		3.3	2.9		0.2		0.8

7:00 a.m. readings

1951  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M. S. L. (196.75 M. G. L.)  
MILE: 148.0  
LAT. 35° 21' 02" - LONG. 90° 25' 29"  
U.S.W.B. & U.S.G.S. GAGE

AUTOMATIC RECORDING GAGE IS ON U. S. HWY. #63 BRIDGE ACROSS  
ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 10.9 ON 23 FEB.  
LOWEST: 1.10 ON 8-9 SEPT.  
PERIOD OF RECORD: 1 AUG. 1904 TO DATE.  
HIGHEST FOR PERIOD OF RECORD: 25.1 IN APRIL 1913.  
LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCT. 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	2.7	7.4	9.0	6.6	6.1	6.3	5.1	5.4	4.1	6.2	4.6	7.2
2	2.8	7.2	8.9	6.6	6.1	6.2	5.1	6.5	4.0	6.1	5.0	6.8
3	3.2	7.1	8.7	6.5	6.0	6.3	5.2	7.0	4.0	6.1	5.0	6.8
4	3.9	7.0	8.6	6.5	5.9	6.5	7.3	7.0	1.5	6.0	4.9	7.6
5	4.1	5.0	8.5	6.4	5.7	6.7	8.0	6.9	1.3	5.9	4.9	8.2
6	3.9	4.1	8.4	6.4	5.6	6.7	8.8	6.7	1.2	5.8	5.1	8.2
7	3.7	7.8	8.2	6.4	5.4	6.6	8.4	6.6	1.2	5.7	5.4	8.5
8	3.6	8.6	8.1	6.4	5.4	7.2	7.9	6.6	1.1	5.6	5.4	9.0
9	3.5	8.7	8.0	6.1	5.4	7.7	7.4	6.5	1.1	5.5	5.3	10.1
10	3.5	8.4	7.9	6.1	5.1	7.4	6.9	6.3	1.2	5.5	5.3	10.6
11	6.3	8.2	7.8	6.0	5.2	7.2	6.5	6.4	1.2	5.4	5.3	10.5
12	6.9	7.9	7.7	6.0	5.1	6.6	6.3	6.3	1.2	5.2	5.3	10.1
13	7.4	7.7	7.6	6.0	5.1	6.2	6.2	6.0	1.1	5.2	5.3	9.8
14	9.4	7.5	7.5	6.0	5.1	5.9	6.1	4.8	1.2	5.2	5.3	9.5
15	10.7	7.3	7.3	5.9	5.0	5.7	6.0	4.7	1.2	4.1	5.0	9.3
16	10.7	8.0	7.1	5.8	5.0	5.5	5.9	4.7	1.2	4.0	5.1	9.3
17	10.8	8.2	6.9	5.6	4.9	5.4	5.9	5.0	1.2	4.0	5.2	9.0
18	10.7	8.2	7.5	5.5	3.0	5.4	5.8	5.0	1.3	4.0	5.2	9.0
19	10.2	8.2	8.7	5.5	2.2	5.3	5.7	5.0	1.4	3.9	5.4	9.5
20	9.4	8.4	9.0	5.5	2.2	5.9	5.8	4.8	1.4	3.9	5.0	9.5
21	8.7	10.2	8.7	7.1	2.1	5.5	5.6	4.7	1.5	3.9	1.9	9.4
22	8.1	10.8	8.3	7.4	4.7	5.3	5.6	5.4	1.5	3.9	1.9	9.8
23	9.1	10.9	7.9	7.6	5.0	5.1	5.6	5.9	1.7	3.9	1.9	9.6
24	9.2	10.6	7.5	7.8	5.0	5.1	5.6	5.9	1.7	3.9	2.2	9.5
25	9.1	10.3	7.2	6.6	4.9	5.1	5.6	5.8	1.9	3.8	5.7	9.0
26	9.0	10.0	6.9	6.3	4.9	5.2	5.5	5.5	1.8	3.8	5.8	9.5
27	8.5	9.7	6.9	6.4	6.2	5.2	5.7	5.3	1.8	3.8	5.8	9.0
28	8.2	9.3	6.9	6.4	6.3	5.1	5.7	5.3	1.8	3.8	5.8	9.7
29	8.0		6.9	6.3	6.3	5.1	5.6	4.9	1.8	3.8	7.7	9.3
30	8.8		6.7	6.1	6.3	5.1	5.5	4.9	1.8	3.8	7.7	9.3
31	7.7		6.6		6.3		5.4	4.2		4.0		8.7

7:00 A. M. READINGS.

1950  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)  
MILE: 148.0  
LAT. 35° 32' 02" - LONG. 90° 25' 29"  
GAGE IN CHARGE OF U.S.W.B. & U.S.G.S.

AUTOMATIC RECORDING GAGE IS ON U. S. HWY. #63 BRIDGE ACROSS  
ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 16.10 ON 2 FEB.  
LOWEST: 2.90 ON 29 DEC.  
PERIOD OF RECORD: 1 AUG. 1904 TO DATE.  
HIGHEST FOR PERIOD OF RECORD: 25.1 ON APRIL 1913.  
LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCT. 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1		15.9	14.9	11.2	6.3	6.3	6.7	7.2	8.5	6.9	6.4	3.4
2	7.7	16.1	14.5	10.7	6.4	6.3	6.7	7.1	8.7	6.9	6.4	3.2
3	9.8	16.0	14.2	10.2	7.5	6.2	6.6	7.0	8.7	6.8	6.3	4.9
4	10.7	15.9	13.9	9.9	7.4	6.0	6.6	6.9	8.8	6.7	6.4	6.2
5	11.9	15.9	13.7	9.8	7.2	6.1	6.6	6.8	8.6	6.7	6.3	6.5
6	12.2	15.8	13.2	9.3	7.0	6.1	6.6	6.7	8.3	6.7	6.3	6.7
7	12.4	15.7	12.9	8.9	8.7	6.1	6.6	6.8	8.1	6.6	6.3	6.5
8	12.4	15.5	12.8	8.5	9.9	6.0	6.6	6.7	7.9	6.6	6.3	6.1
9	12.7	15.3	12.6	8.2	10.0	6.0	6.5	6.7	7.8	6.5	6.6	5.3
10	13.0	15.0	12.2	7.9	10.0	6.0	6.4	6.6	7.7	6.4	6.7	5.2
11	13.4	14.6	11.8	7.8	9.7	6.0	6.3	6.6	7.6	6.4	6.7	5.1
12	13.4	14.6	11.8	7.6	9.3	5.9	6.3	6.5	7.5	6.4	6.9	4.8
13	13.8	15.6	13.1	7.4	8.8	5.7	6.3	6.5	7.5	6.4	6.9	4.7
14	14.6	16.0	13.1	7.4	8.3	5.6	6.3	6.4	7.4	6.3	6.9	4.2
15	14.7	16.0	12.9	7.2	7.9	7.0	6.4	6.3	7.7	6.3	3.3	4.1
16	14.8	16.0	12.6	7.1	7.7	7.2	6.3	6.2	7.7	6.2	3.3	4.0
17	14.9	16.0	12.2	7.0	7.2	7.3	6.3	6.1	7.7	6.1	4.2	3.6
18	15.7	15.9	11.7	7.0	7.0	5.2	6.4	6.1	7.6	6.1	6.3	3.6
19	15.2	15.9	11.2	7.0	7.0	6.6	6.4	6.1	7.5	6.0	6.6	3.3
20	15.3	15.9	11.2	6.9	7.0	7.1	6.4	6.1	7.5	5.8	7.2	3.2
21	15.3	15.8	9.8	6.9		7.2	6.8	6.1	7.4	5.6	6.1	3.2
22	15.3	15.9	11.1	6.9	6.9	7.2	7.3	6.1	7.3	5.9	8.2	3.2
23	15.3	15.9	9.5	6.9	6.7	7.2	8.0	6.1	7.1	5.9	8.0	3.1
24	15.1	15.8	9.4	6.9	6.5	7.1	8.4	6.5	7.0	5.9	7.7	3.1
25	15.0	15.7	8.4	6.6	6.8	7.0	8.0	6.5	7.0	6.1	7.3	3.1
26	14.9	15.5	7.9	6.6	7.0	7.2	8.1	6.5	7.0	6.1	7.0	3.0
27	15.0	15.2	9.0	6.4	6.8	6.9	8.1	6.6	6.9	6.2	6.9	3.0
28	14.9	15.0	11.0	6.2	6.7	6.8	8.0	6.7	7.0	6.4	4.3	3.0
29	14.8		11.3	6.2	6.6	6.7	7.8	7.0	7.0	6.4	3.9	2.9
30	14.8		11.6	6.3	6.5	6.7	7.6	6.9	6.9	6.4	3.6	3.1
31	15.2		11.6		6.3		7.3	7.8		6.3		3.1

7:00 A. M. READINGS.

1949  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)  
MILE: 148.0  
LAT. 35° 32' 02" - LONG. 90° 25' 29"  
GAGE IN CHARGE OF U.S.W.B. & U.S.G.S.

AUTOMATIC RECORDING GAGE IS ON U.S. HWY. #63 BRIDGE ACROSS  
ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 13.60 ON 28 JAN.  
LOWEST: 1.60 ON 10 DEC.  
PERIOD OF RECORD: 1 AUG. 1904 TO DATE.  
HIGHEST FOR PERIOD OF RECORD: 25.1 ON 1 APRIL 1913.  
LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCT. 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	9.0	13.2	11.0	12.9	7.5	7.0	5.8	6.1	5.9	4.2	6.5	2.0
2	9.1	12.9	10.7	12.9	7.4	7.1	7.0	6.1	5.7	4.2	6.4	1.9
3	8.9	12.7	10.4	12.7	7.3	7.3	7.3	6.1	5.3	4.3	6.3	1.9
4	9.3	12.7	10.1	12.4	7.2	7.5	7.1	6.1	5.1	4.3	6.2	1.9
5	10.0	12.5	9.8	11.9	7.1	8.0	7.1	6.1	4.2	4.4	6.2	1.9
6	10.0	12.4	9.7	11.4	7.1	7.7	7.0	6.0	5.3	5.7	6.1	1.9
7	10.4	12.2	9.3	10.9	7.0	7.6	6.9	6.0	4.2	6.4	6.1	1.9
8	10.3	12.1	9.0	9.1	6.9	7.4	6.9	5.9	4.4	7.0	6.0	1.9
9	10.2	11.8	9.6	9.7	7.1	7.5	6.9	5.9	4.4	7.2	6.0	1.9
10	9.6	11.6	10.7	9.5	7.2	7.6	6.9	5.8	5.0	7.5	5.9	1.6
11	9.3	11.3	11.2	9.3	7.3	8.2	6.8	5.8	4.8	7.6	5.9	2.0
12	9.1	11.1	11.2	9.1	7.3	8.1	6.8	5.7	4.6	8.0	5.7	4.4
13	8.9	10.9	11.1	9.1	7.2	8.1	6.7	5.6	4.6	8.3	5.7	5.6
14	8.8	11.1	10.7	9.1	7.1	8.3	7.1	5.2	4.2	8.0	5.7	5.6
15	8.7	11.8	10.2	8.9	7.0	9.4	6.9	5.7	3.9	7.7	5.6	5.6
16	8.7	12.6	9.6	8.5	6.9	8.3	6.7	5.7	4.3	7.3	5.6	5.3
17	9.9	12.9	9.0	8.2	6.9	7.8	6.9	6.0	4.3	6.9	5.5	4.8
18	10.5	12.9	10.1	7.8	6.8	7.4	6.8	6.0	4.5	6.5	5.5	4.9
19	11.2	12.8	9.5	7.5	6.8	7.2	6.8	5.8	4.4	6.5	5.0	4.8
20	11.3	12.5	9.0	7.2	6.7	6.9	6.7	5.7	4.4	6.4	2.0	4.7
21	10.6	12.4	8.4	6.9	6.7	7.3	6.6	6.2	4.5	6.4	2.0	6.2
22	11.3	12.3	8.8	6.8	7.1	7.0	6.5	6.7	4.5	6.6	2.0	7.4
23	11.4	11.8	8.6	6.6	6.9	6.7	6.5	6.8	4.4	6.6	2.0	7.7
24	11.4	11.4	8.5	6.6	6.9	6.2	6.5	6.8	4.4	6.6	2.0	7.7
25	11.7	11.2	8.5	6.4	6.9	6.1	6.5	4.0	4.5	6.8	2.0	7.6
26	12.4	11.4	9.3	7.6	6.9	6.1	6.4	2.2	4.5	6.8	2.0	7.5
27	12.8	11.4	11.9	7.8	6.8	6.1	6.4	5.5	4.5	6.8	2.0	8.0
28	13.6	11.1	12.4	7.8	6.8	6.0	6.4	6.2	2.5	6.8	2.0	8.1
29	13.5		12.5	7.6	6.8	6.0	6.3	6.2	2.4	6.7	2.0	8.1
30	13.4		12.7	7.5	6.9	6.0	6.2	6.2	4.1	6.7	2.0	7.9
31	13.3		12.8		6.9		6.2	6.1		6.6		7.7

7:00 A.M. READINGS

1948  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)  
MILE: 148.0  
LAT. 35° 32' 02" - LONG. 90° 25' 29"  
GAGE IN CHARGE OF U.S.W.B. & U.S.G.S.

AUTOMATIC RECORDING GAGE IS ON U.S. HWY. #63 BRIDGE ACROSS  
ST. FRANCIS RIVER AT MARKED TREE, ARKANSAS.

HIGHEST: 12.00 ON 3 MARCH.  
LOWEST: 0.60 ON 19 OCTOBER AND 3 NOVEMBER.  
PERIOD OF RECORD: 1 AUGUST 1904 TO DATE.  
HIGHEST FOR PERIOD OF RECORD: ~~21.20 ON 18-19 APRIL 1912~~ → 25.1 on 1 April 1913  
LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCTOBER 1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	4.0	6.0	9.6	8.9	8.3	6.8	6.6	6.1	3.8	1.0	0.6	1.7
2	7.3	3.0	11.4	7.0	8.2	6.8	6.7	6.0	4.6	0.9	0.6	1.1
3	8.1	4.5	12.0	7.8	8.1	6.8	6.6	6.0	3.7	0.9	0.6	1.1
4	8.4	4.1	11.7	8.0	8.0	6.8	6.6	6.0	1.7	0.8	0.7	1.1
5	8.4	3.2	11.2	8.0	8.0	6.7	6.6	5.9	3.4	0.8	0.7	1.1
6	8.0	3.7	11.0	7.7	8.0	6.7	3.9	5.8	3.6	3.8	0.7	1.2
7	8.0	3.9	11.0	7.5	7.9	6.7	6.0	5.8	3.6	3.3	0.8	1.1
8	7.9	3.8	10.8	8.0	7.8	6.6	6.3	5.7	0.8	3.5	0.8	1.1
9	7.9	3.6	10.4	7.8	7.6	6.6	6.3	5.6	3.2	3.5	0.8	1.1
10	7.8	3.3	9.9	7.5	7.5	6.5	6.2	5.4	3.7	3.6	0.8	1.1
11	7.7	3.0	9.3	7.5	7.5	6.5	6.3	5.2	3.8	3.6	0.8	1.1
12	7.8	3.0	8.8	7.3	7.4	6.3	5.2	5.2	3.8	3.3	0.8	1.1
13	7.9	3.5	8.2	9.0	7.3	6.2	3.2	5.1	3.7	3.3	0.8	1.1
14	8.0	9.7	7.9	9.7	7.2	6.0	2.0	5.3	3.7	1.2	0.8	1.1
15	8.0	9.9	7.6	9.6	7.1	6.0	5.0	5.3	3.6	0.8	0.8	1.2
16	8.0	9.9	8.0	9.3	7.0	6.0	6.3	5.1	3.6	0.7	0.8	2.8
17	8.0	9.8	8.0	8.8	7.0	4.5	6.5	5.1	3.5	0.8	0.8	3.4
18	8.1	9.6	7.8	8.3	7.0	6.1	6.5	5.0	3.6	0.7	0.8	3.9
19	8.1	9.1	8.0	7.8	7.0	6.5	6.6	4.9	3.6	0.6	0.8	6.0
20	8.0	8.8	8.0	7.5	6.9	6.7	6.6	4.6	3.5	0.6	1.0	7.7
21	8.0	8.6	8.0	7.2	6.9	7.0	6.7	4.0	3.3	0.6	0.9	7.9
22	8.0	8.5	8.3	7.1	6.9	7.0	6.7	3.8	1.0	0.6	1.1	7.8
23	7.9	8.4	10.0	6.9	6.7	7.0	6.7	3.0	3.0	0.6	1.2	7.7
24	7.6	8.0	10.5	8.0	6.7	6.8	6.7	3.8	3.3	0.6	3.3	7.6
25	7.7	8.0	10.6	8.4	6.7	4.0	6.7	3.7	3.3	0.6	1.7	7.6
26	7.7	8.9	10.6	8.5	6.7	4.0	6.6	3.7	1.0	0.6	1.3	7.7
27	7.7	9.2	10.1	8.5	6.7	6.0	6.6	3.6	0.0	0.6	1.1	8.0
28	7.7	9.6	9.8	8.4	6.7	6.6	6.5	3.6	1.0	0.6	1.1	8.2
29	7.6	9.7	9.3	8.4	6.8	5.5	6.5	3.6	1.2	0.6	1.2	8.7
30	7.5		8.8	8.3	6.8	5.5	6.5	1.0	1.0	0.6	1.2	8.9
31	7.5		8.8		6.8		6.3	3.7		0.6		9.0

7:00 A.M. READINGS.

1947  
ST. FRANCIS RIVER  
MARKED TREE, ARK.

ZERO OF GAGE: 196.44 M.S.L. (196.75 M.G.L.)  
MILE: 148.0  
LAT. 35° 32' 02" - LONG. 90° 25' 29"  
GAGE IN CHARGE: U. S. W. B. & U. S. G. S.

AUTOMATIC RECORDING GAGE IS ON U. S. HWY. #63 BRIDGE ACROSS  
ST. FRANCIS RIVER AT MARKED TREE, ARK.

HIGHEST: 8.80 ON 14-15 APRIL.  
LOWEST: 0.60 ON 26 SEPTEMBER AND VARIOUS DATES IN OCTOBER.  
PERIOD OF RECORD: 1 AUGUST 1904 TO DATE.  
HIGHEST FOR PERIOD OF RECORD: 24.20 ON 18-19 APRIL 1912.  
LOWEST FOR PERIOD OF RECORD: -0.30 ON 6, 7, 10 AND 11 OCTOBER  
1943.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	7.6	7.4	5.0	6.2	7.9	7.2	7.8		3.5	3.3	4.4	4.6
2	7.7	7.3	6.4	6.2	7.9	7.2	7.6	6.4	3.5	3.1	5.0	4.7
3	8.0	7.3	6.4	6.2	7.9	7.1	7.5	4.9	3.3	3.0	5.1	4.7
4	8.1	7.2	6.4	6.2	7.8	7.1	7.4	4.6	3.2	1.4	5.0	2.5
5	8.3	7.1	6.3	6.2	7.7	7.1	7.4	4.5	1.0	1.0	5.1	1.7
6	8.4	7.0	6.4	6.2	7.6	7.0	7.3	4.5	1.0	0.7	3.0	1.6
7	8.2	7.0	6.4	6.1	7.5	7.0	7.3	4.5	0.9	3.2	1.3	1.6
8	8.0	7.0	6.4	6.2	7.5	7.0	7.3	4.3	0.9	3.3	1.0	1.6
9	7.9	7.0	6.7	5.5	7.5	7.5	7.3	2.6	4.2	3.2	1.0	2.0
10	7.8	6.9	6.6	6.5	7.5	7.1	7.3	2.5	4.1	3.0	1.0	4.0
11	7.7	6.9	6.6	7.1	7.5	7.0	7.2	3.6	4.1	2.6	1.3	2.5
12	7.7	6.8	6.6	7.2	7.5	6.9	7.2	4.0	2.8	1.0	4.0	2.1
13	7.6	6.8	6.6	8.7	7.7	6.8	7.2	4.1	2.5	0.6	4.3	2.1
14	7.5	6.8	6.6	8.8	7.6	6.7	7.2	4.0	2.5	2.8	4.3	2.0
15	7.7	6.8	6.5	8.8	7.6	6.7	7.2	4.0	2.5	3.0	5.5	2.0
16	7.8	6.8	6.4	8.6	7.6	6.7	7.2	4.0	3.0	3.0	5.0	5.0
17	7.8	6.8	6.4	8.4	7.5	6.6	7.2	4.0	2.9	0.6	5.0	5.2
18	7.7	6.7	6.4	8.1	7.5	6.6	7.2	4.0	1.0	0.6	5.0	6.7
19	7.6	6.8	6.3	8.1	7.7	6.5	7.2	4.0	0.8	0.6	5.0	6.9
20	7.9	6.0	6.3	8.0	8.0	6.5	7.2	1.5	0.7	0.6	4.9	2.9
21	7.8	6.6	6.3	8.0	8.1	6.5	7.1	1.2	0.7	2.6	4.9	2.1
22	7.8	6.6	6.3	8.0	8.1	6.4	7.0	3.5	0.7	3.2	4.9	2.0
23	7.7	6.7	6.2	8.0	7.9	8.9	7.0	3.9	0.7	0.8	4.9	2.0
24	7.7	5.7	6.2	8.0	7.8	8.4	6.9	3.9	0.7	2.8	4.8	2.0
25	7.6	5.1	6.2	8.0	7.7	8.4	6.7	3.9	0.7	0.7	4.8	2.0
26	7.6	5.1	6.2	8.0	7.5	7.5	6.6	3.9	0.6	0.6	4.7	2.0
27	7.5	5.0	6.2	8.0	7.5	7.3	6.5	3.8	3.5	3.6	4.7	2.0
28	6.8	5.0	6.2	8.0	7.4	7.5	6.4	3.8	3.5	3.2	4.7	1.8
29	7.2		6.2	7.9	7.4	7.7	6.3	3.8	3.5	3.3	4.7	1.8
30	7.4		6.2	7.9	7.0	7.8	6.1	3.7	3.4	3.3	4.7	1.8
31	7.4		6.2		7.1		6.3	3.6		4.4		1.8

7:00 A.M. READINGS.

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. for the calendar year 1946

Zero elevation 196.75 feet above M.G.L. (1936 Adj.)

Bank full stage \_\_\_\_\_ feet on gauge

Weather Bureau

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	8.0	9.3	10.9	9.4	6.8	9.4	6.6	6.0		3.2	5.0	2.0	1
2	7.9	9.6	10.7	9.0	6.8	8.1	6.6	6.0		3.1	5.0	4.5	2
3	8.0	9.1	10.5	8.5	7.1	8.0	6.5	6.0		1.1	4.8	4.7	3
4	8.0	9.4	10.2	8.3	7.2	8.0	6.5	6.3		3.8	1.7	4.7	4
5	8.0	9.3	10.1	8.0	7.2	7.4	6.2	6.3		3.5	3.7	4.7	5
6	8.0	10.1	10.0	7.8	7.3	7.0	6.3	6.2		3.2	4.0	3.8	6
7	8.1	10.8	10.0	7.7	7.3	6.6	6.3	6.2		3.0	5.3	4.1	7
8	9.0	11.1	10.0	7.6	7.3	8.0	6.3	6.2		2.7	5.3	4.6	8
9	12.2	11.2	9.5	7.5	7.3	7.1	6.2	6.2		2.7	5.1	4.7	9
10	12.8	11.3	9.1	7.8	7.4	6.5	5.7	6.3		2.7	5.2	4.7	10
11	12.7	11.2	8.8	7.7	7.5	7.4	6.3	5.9		2.7	5.2	4.7	11
12	12.8	11.2	8.5	7.7	7.6	8.0	6.3	6.3		2.6	5.2	5.0	12
13	12.6	11.5	8.4	7.5	7.6	7.0	6.3	6.5		2.6	3.2	5.2	13
14	12.3	11.3	8.3	7.3	7.7	6.3	6.2	6.6		2.5	2.8	5.3	14
15	12.1	11.0	8.2	7.2	7.7	7.4	6.4	6.6	No Readings	2.5	5.5	5.5	15
16	12.0	10.6	8.7	7.7	8.0		6.5	6.6		2.5	5.4	5.5	16
17	11.8	11.5	8.9	7.6	8.1	5.6	6.5	6.5		2.5	5.2	5.5	17
18	11.5	11.3	9.0	7.4	8.3	5.7	6.5	6.4		2.4	3.4	5.3	18
19	11.0	10.9	9.0	7.3	8.3	7.0	6.4	6.4		2.3	1.5	5.3	19
20	10.9	10.5	8.8	7.1	8.3	7.4	6.3	6.4		2.3	1.4	4.3	20
21	10.9	10.1	8.5	7.0	8.2	7.4	6.3	6.3		2.3	1.4	5.5	21
22	10.7	9.8	8.3	7.0	8.2	7.3	6.3	6.0		1.0	1.4	7.0	22
23	10.5	10.1	8.1	6.9	8.1	7.2	6.2	5.9		0.8	1.3	7.0	23
24	10.2	10.3	8.0	7.1	8.3	7.2	6.1	5.9		0.8	4.0	7.0	24
25	9.8	11.0	8.0	7.1	9.4	7.2	6.1	5.8	0.9	3.8	7.0	25	
26	10.0	10.8	9.2	7.1	10.4	7.0	6.1	5.6	1.0	1.4	7.0	26	
27	10.1	11.1	9.5	7.0	10.6	7.0	6.1	5.5	2.7	1.4	7.0	27	
28	10.0	11.0	9.7	6.9	10.5	6.8	6.0	5.3	4.0	1.4	7.0	28	
29	9.8		9.8	6.9	10.2	6.7	6.1	5.2	1.3	4.0	7.0	29	
30	9.7		9.8	6.8	9.9	6.6	6.1	5.2	4.0	4.6	7.2	30	
31	9.5		9.7		9.6		6.1	5.2	5.0		7.4	31	
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings:  
Highest: 12.8 on 10 and 12 Jan.  
Lowest: 0.8 on 23-24 Oct.  
Period of record: 1 Aug. 1904 to date.  
Highest for period of record: 24.2 on 18-19 April 1912.  
Lowest for period of record: -0.3 on 6, 7, 10 and 11 Oct. 1943.

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1945

Zero elevation 196.75 feet above MGL (1936 Adj.)

Bank full stage feet on gauge

Weather Bureau

V.R.C.5M.6-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	8.5	7.1	11.2	11.6	10.6	7.7	10.3	7.2	7.3	7.0	6.9	8.2	1
2	8.9	7.1	11.3	14.0	10.5	7.7	10.3	7.2	7.2	7.7	6.9	8.1	2
3	8.9	7.0	10.4	14.5	10.3	7.5	10.3	7.2	7.1	7.9	5.5	8.1	3
4	8.8	7.0	9.8	14.4	10.1	7.3	10.0	7.2	7.0	8.0	6.6	8.2	4
5	8.5	6.9	9.7	14.0	10.0	7.0	9.7	7.2	7.0	8.1	7.4	8.2	5
6	8.2	6.4	9.8	13.7	9.7	6.7	9.2	7.1	7.0	8.2	7.4	8.1	6
7	8.1	6.3	9.8	13.4	9.4	4.2	8.8	7.1	6.9	8.3	7.4	8.1	7
8	8.9	6.3	9.5	13.2	9.2	3.6	8.5	7.2	6.8	8.3	7.4	8.1	8
9	9.1	3.5	9.2	12.9	8.9	4.0	8.0	7.1	6.7	8.3	7.6	8.1	9
10	9.2	2.6	8.7	12.5	9.4	7.0	7.7	7.1	6.5	8.3	8.0	8.0	10
11	9.0	2.8	8.3	12.1	9.7	8.2	7.8	7.0	6.5	8.3	8.0	8.0	11
12	8.7	7.0	8.0	11.6	9.6	9.5	7.4	7.0	6.4	8.3	8.0	7.9	12
13	8.6	7.5	7.8	11.1	9.8	9.7	7.0	7.0	4.8	8.3	8.6	7.9	13
14	8.4	7.5	8.4	10.7	9.4	9.9	6.5	7.0	6.0	8.3	9.0	7.9	14
15	8.2	7.3	9.2	10.7	9.1	10.1	6.3	7.6	6.6	8.2	9.0	8.0	15
16	8.3	7.5	9.4	10.8	8.9	10.2	6.3	7.8	6.5	8.2	9.0	8.0	16
17	8.2	8.8	9.5	11.4	8.8	10.4	6.2	7.8	6.3	8.1	9.0	8.0	17
18	8.0	8.3	9.6	12.1	8.4	11.8	6.0	7.8	6.2	8.0	8.8	8.0	18
19	8.0	8.3	9.8	12.2	8.3	12.0	6.0	7.8	6.0	8.0	8.9	7.9	19
20	8.0	8.4	10.4	12.2	8.2	12.1	6.0	7.7	5.8	8.0	8.8	7.8	20
21	8.0	9.2	11.0	12.0	8.0	11.8	6.0	7.7	5.7	7.9	8.8	7.7	21
22	8.0	10.0	10.4	11.8	7.9	11.8	5.8	7.7	5.3	7.8	8.7	7.7	22
23	7.8	10.3	9.8	11.7	7.7	11.9	5.7	7.7	5.2	7.8	8.7	7.7	23
24	7.7	10.3	9.4	11.4	7.6	11.7	5.7	7.7	5.1	7.6	8.6	7.7	24
25	7.6	10.2	7.4	11.2	7.4	11.3	5.6	7.6	5.3	7.5	8.5	8.0	25
26	7.5	10.0	8.0	11.1	7.4	11.0	5.6	7.6	5.3	7.5	8.4	8.3	26
27	7.4	10.1	9.5	10.0	7.3	11.2	5.6	7.6	5.3	7.4	8.4	8.3	27
28	7.4	10.8	10.2	10.8	7.3	11.2	5.6	7.5	5.3	7.3	7.6	8.4	28
29	7.3		10.4	10.8	7.1	11.0	5.6	7.4	5.6	7.1	7.2	8.3	29
30	7.3		10.4	10.7	6.9	10.7	5.6	7.4	6.0	7.0	8.1	8.3	30
31	7.2		11.2		7.0		6.8	7.4		7.0		8.1	31
Sum	Note: Time basis Central War Time during interim 2:00 a.m., 9 February 1942 to												
Mean	2 a.m., 30 September 1945. To convert War time to Standard Time, subtract												
High	one hour.												
Low													

Remarks: 7:00 a.m. readings  
 Highest: 14.5 on 3 April  
 Lowest: 2.6 on 10 Feb.  
 Period of record: 1 Aug. 1904 to date  
 Highest for period of record: 24.2 on 18-19 April 1912.  
 Lowest for period of record: -0.3 on 6, 7, 10 and 11 Oct., 1943

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1944

Zero Elevation 196.75 feet above M.G.L. (1936 Adj.)

Bank full stage feet on gauge.

Weather Bureau.

4. R.C. 3M. 11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	1.0	3.7	8.0	8.7	9.1	7.2	5.8	3.0	2.7	2.8	0.5	0.5	1
2	0.8	3.6	8.5	8.4	8.9	7.2	5.7	3.2	2.2	1.0	0.4	3.3	2
3	4.8	3.6	8.4	8.3	8.7	7.2	5.5	3.2	2.1	0.5	0.3	1.6	3
4	5.0	3.6	8.4	8.2	7.0	7.1	5.4	3.3	2.0	0.4	0.3	0.5	4
5	4.0	3.6	8.4	8.0	7.2	7.0	5.2	3.2	1.0	0.4	1.8	2.3	5
6	3.7	1.3	8.5	7.9	8.5	7.0	4.5	3.0	0.6	0.5	2.0	2.4	6
7	3.7	0.9	8.4	7.8	8.7	7.0	4.0	2.8	0.6	3.0	0.5	3.0	7
8	1.7	0.9	8.2	8.0	8.6	6.9	4.0	2.8	3.1	3.2	0.4	4.3	8
9	0.8	2.6	8.1	10.0	8.4	6.8	4.0	2.8	3.2	3.2	1.7	3.1	9
10	5.0	4.1	7.9	10.6	8.4	6.8	4.0	2.7	2.9	1.0	2.1	3.8	10
11	5.0	5.0	7.9	10.9	8.5	6.8	4.0	1.2	0.9	0.5	2.1	4.4	11
12	2.5	4.8	7.8	10.9	8.4	6.7	4.0	0.9	0.5	0.5	2.0	4.4	12
13	1.0	4.8	7.8	10.8	7.7	6.4	3.9	3.0	0.5	0.4	2.0	4.3	13
14	0.9	4.7	7.7	10.6	8.0	6.5	4.4	3.1	3.0	3.0	2.0	4.3	14
15	0.8	4.5	7.6	9.7	8.0	6.5	3.8	1.4	3.2	3.1	2.0	5.2	15
16	4.9	4.5	7.6	8.9	7.9	6.5	3.8	0.8	2.5	2.0	2.2	4.3	16
17	5.0	5.1	7.5	8.5	7.9	6.5	3.6	3.0	1.0	0.6	2.2	4.3	17
18	5.1	7.5	7.5	8.2	7.9	6.5	1.7	2.9	0.5	0.5	2.3	4.1	18
19	3.7	7.4	8.0	7.9	7.8	6.5	3.2	1.0	0.5	0.4	2.3	4.1	19
20	3.1	7.1	9.6	7.9	7.6	6.4	3.6	0.7	1.7	0.4	2.3	4.1	20
21	3.7	6.7	9.8	8.0	7.6	6.4	3.6	0.6	2.9	2.0	2.2	4.0	21
22	1.3	5.0	9.9	8.0	7.5	6.4	3.5	0.5	1.0	2.0	2.2	3.9	22
23	0.9	5.0	9.7	7.9	7.5	6.3	3.4	3.2	0.5	2.0	2.0	3.9	23
24	0.8	5.4	9.4	9.3	7.4	6.3	3.0	3.2	0.5	1.9	2.3	2.0	24
25	0.8	5.2	9.0	9.5	7.4	6.2	3.0	3.1	0.5	1.0	0.7	1.4	25
26	3.5	7.2	8.6	9.4	7.3	6.2	2.8	2.8	0.3	0.5	0.6	6.0	26
27	3.8	7.5	8.4	9.6	7.2	6.1	2.8	1.0	3.0	0.5	0.5	6.7	27
28	3.8	7.0	8.4	8.7	7.2	6.0	2.9	0.7	2.6	1.9	1.7	7.1	28
29	3.7	6.6	8.9	9.1	7.1	6.0	3.1	0.5	0.7	1.9	1.7	7.6	29
30	3.7		9.0	9.2	6.8	5.9	3.1	3.1	0.7	3.0	2.1	7.6	30
31	3.7		8.9		7.1		3.0	3.2		0.5		7.6	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings (Central Standard Time)

Highest: 10.9 on 11-12 Apr.

Lowest: 0.3 on 26 Sept. and 3-4 Nov.

Period of record: 1 Aug. 1904 to date.

Highest for period of record: 24.2 on 18-19 April 1912.

Lowest for period of record: -0.3 on 6, 7, 10 and 11 Oct. 1943.

# RIVER STAGES

St. Francis

River Gauge at Marked Tree, Ark.

for the calendar year 1943

(Mile 148)

Zero elevation 196.75 feet above M.G.L. (1936 Adj.)

Bank full stage \_\_\_\_\_ feet on gauge

Weather Bureau.

I. R. C. 5M. 5-9-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.8	7.5	6.4	8.2	6.7	7.6	6.7	4.1	2.1	2.7	3.1	3.4	1
2	7.8	7.5	6.3	7.8	6.7	7.6	6.7	4.0	2.4	2.3	2.9	3.3	2
3	7.8	7.5	6.3	7.9	6.7	7.7	6.3	3.4	2.4	1.0	1.0	1.0	3
4	7.8	7.4	6.1	7.9	6.6	7.7	6.6	3.5	2.4	-0.2	0.5	0.6	4
5	7.8	7.4	5.9	7.9	6.6	7.8	6.6	3.5	2.4	-0.2	0.5	0.6	5
6	7.8	7.3	5.0	7.8	6.6	7.8	6.6	3.5	2.4	-0.3	0.5	2.7	6
7	7.8	7.2	6.0	7.8	6.6	7.7	6.7	4.1	2.4	-0.3	1.9	3.5	7
8	7.8	7.1	6.3	7.6	6.6	7.6	6.6	4.1	2.4	1.5	3.0	3.5	8
9	7.8	7.1	6.1	7.6	6.6	7.6	6.5	4.0	2.4	0.2	1.5	3.5	9
10	7.9	7.0	5.9	7.5	6.7	7.6	6.5	4.0	2.4	-0.3	0.6	3.3	10
11	7.9	7.0	5.9	7.5	7.1	7.5	6.5	3.9	2.3	-0.3	3.2	1.6	11
12	7.9	7.0	5.9	7.6	7.2	7.5	6.4	3.8	2.3	3.0	3.4	0.6	12
13	7.9	7.0	6.8	7.5	7.2	7.4	6.2	3.5	2.2	3.5	1.5	3.0	13
14	8.0	6.9	7.1	7.4	7.1	7.3	7.0	3.3	2.2	3.5	0.5	3.5	14
15	8.0	6.9	7.4	7.3	7.4	7.4	7.0	3.3	2.1	3.3	2.5	3.4	15
16	8.0	6.8	7.5	7.2	7.5	7.2	7.0	3.3	2.3	3.1	3.4	3.3	16
17	8.0	6.8	7.7	7.0	7.5	7.1	7.0	3.3	2.4	3.0	3.3	1.0	17
18	7.9	6.7	7.8	7.4	7.5	7.0	7.0	3.2	2.4	1.5	0.9	0.7	18
19	7.8	6.7	9.0	7.6	7.5	7.0	6.8	3.2	2.5	0.7	0.6	3.0	19
20	7.7	6.6	9.5	7.5	7.5	7.0	6.7	3.2	2.7	2.9	2.6	3.5	20
21	7.7	6.6	9.8	7.4	7.5	7.0	6.5	3.2	2.8	2.8	2.0	3.4	21
22	7.7	6.6	9.8	7.2	7.5	6.9	6.3	3.1	2.8	0.9	0.5	1.3	22
23	7.7	6.5	9.1	7.2	7.5	6.9	5.9	3.1	3.0	2.7	3.3	0.7	23
24	7.3	6.4	8.7	7.2	7.6	6.9	6.1	3.0	3.0	1.9	3.5	0.6	24
25	7.5	6.5	7.3	7.0	7.6	6.8	5.9	3.0	3.0	0.7	3.4	0.6	25
26	7.6	6.5	7.2	6.9	7.6	6.8	5.3	2.8	2.9	2.9	3.3	3.3	26
27	7.7	6.5	8.1	6.9	7.6	6.8	4.8	2.8	2.9	2.7	1.0	3.5	27
28	7.7	6.4	8.1	6.8	7.6	6.8	4.5	2.7	2.9	0.9	0.6	3.8	28
29	7.7		8.3	6.8	7.6	6.7	3.9	2.7	2.9	0.5	0.5	3.7	29
30	7.7		7.1	6.7	7.6	6.7	3.5	2.7	2.8	0.5	3.3	3.6	30
31	7.6		6.4		7.6		4.0	2.5		2.9		3.6	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings (Central Standard Time)

Highest: 9.80 on 21-22 March.

Lowest: - 0.30 on 6, 7, 10 & 11 October.

Period of record: 1 August 1904 to date.

Highest for period of record: 24.2 on 18-19 April 1912.

Lowest for period of record: -0.3 on 6, 7, 10 & 11 October 1943.

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1942

Zero elevation 196.75 feet above Mean Gulf Level (1936 Adj.)

Bank full stage.....feet on gauge

Weather Bureau

R.C. 5M. 5-8-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.1	6.9	7.8	6.0	7.7	6.6	7.1	4.7	5.4	1.0	0.7	6.9	1
2	7.3	6.9	7.8	6.0	7.7	6.6	7.0	3.6	5.5	0.3	2.9	7.0	2
3	7.4	6.9	7.7	5.9	7.7	6.6	6.9	3.6	5.7	3.9	3.6	7.1	3
4	7.5	6.9	7.7	5.8	7.5	6.5	7.2	3.6	5.8	3.5	3.6	7.2	4
5	7.5	7.0	7.6	5.7	7.5	6.5	7.2	3.5	5.9	3.0	1.0	7.2	5
6	7.6	6.9	7.6	5.6	7.5	6.5	7.2	3.5	5.9	1.0	3.3	7.3	6
7	7.7	7.0	7.6	5.5	7.5	6.5	7.2	1.2	6.9	0.6	3.8	7.4	7
8	7.8	7.2	7.6	5.5	7.4	6.4	7.0	1.0	5.9	0.6	4.8	7.4	8
9	7.9	7.2	8.2	7.8	7.3	6.4	7.0	0.8	5.8	0.6	4.8	7.3	9
10	7.9	7.2	8.3	8.6	7.1	6.4	6.9	4.6	5.7	0.5	4.8	7.5	10
11	8.1	5.9	8.3	8.9	7.1	6.4	6.9	4.6	5.5	0.5	1.8	7.6	11
12	7.9	7.2	8.3	8.9	7.0	6.5	6.8	4.5	5.3	3.3	3.5	7.7	12
13	7.9	7.3	8.2	8.4	6.9	6.7	6.7	4.0	4.9	3.5	3.9	7.7	13
14	7.8	7.3	7.1	7.9	6.8	6.7	6.5	3.5	4.9	3.5	5.2	7.7	14
15	7.8	7.3	6.5	7.5	6.8	6.9	6.5	3.4	4.7	3.4	5.2	7.6	15
16	7.8	7.4	6.4	7.1	6.7	7.1	6.4	3.3	4.5	3.2	4.5	7.7	16
17	7.0	7.7	6.3	6.9	6.6	7.2	6.3	4.1	4.3	2.9	5.0	7.6	17
18	6.8	7.8	6.2	6.7	6.5	7.2	6.1	4.3	4.1	1.0	5.2	7.6	18
19	6.8	7.9	6.0	6.6	6.3	7.4	6.0	4.3	3.5	0.6	4.1	7.6	19
20	6.7	7.9	6.0	6.5	6.5	7.5	5.8	4.2	3.5	3.0	4.0	7.5	20
21	6.6	7.6	6.0	6.4	6.5	7.5	5.5	4.1	3.4	3.0	4.0	7.5	21
22	6.6	7.8	6.0	6.2	6.4	7.5	5.1	3.5	3.5	1.0	5.4	7.5	22
23	3.6	7.9	5.9	6.1	6.4	7.5	5.0	3.4	3.4	0.6	5.5	7.5	23
24	1.8	7.9	5.9	6.1	6.4	7.4	4.9	3.5	1.0	0.5	6.1	7.4	24
25	6.5	7.9	5.9	6.0	6.3	7.3	4.8	3.5	4.1	0.4	6.2	7.4	25
26	6.5	7.9	6.0	6.0	6.3	7.3	4.6	4.5	4.1	3.0	6.2	7.3	26
27	6.5	7.9	6.2	6.0	6.1	7.1	4.4	4.6	3.2	3.4	6.4	7.3	27
28	6.6	7.8	6.3	6.0	6.1	7.1	2.2	4.6	3.0	3.3	6.5	7.5	28
29	6.5		6.3	7.6	6.7	7.1	3.6	4.7	2.9	1.5	6.6	7.6	29
30	6.6		6.2	7.8	6.7	7.1	4.6	5.0	2.8	0.8	6.8	7.7	30
31	6.9		6.1		6.7		4.6	5.2		0.8		7.7	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings (Central Standard Time).

Highest: 8.9 on Apr. 11-12.

Lowest: 0.3 on Oct. 2.

Period of record: Aug. 1, 1904 to date.

Highest for period of record: 24.2 on Apr. 18-19, 1912.

Lowest for period of record: -0.2 on Oct. 1-6, 10-13, 19-21 & 25, 1941.

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. for the calendar year 1941  
 (Mile 148)  
 Zero elevation 196.75 feet above Mean Gulf Level (1936 Adj.).

Bank full stage \_\_\_\_\_ feet on gauge

P.C. 5M. 5-0-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	6.6	6.7	5.9	5.3	6.3	3.6	2.3	1.8	1.9	-0.2	2.0	6.5	1
2	6.7	6.6	5.9	5.4	6.0	3.6	2.3	1.9	1.8	-0.2	2.5	6.4	2
3	6.7	6.6	5.8	5.3	5.8	3.0	2.3	1.9	1.8	-0.2	3.1	6.4	3
4	6.8	6.6	5.8	4.4	5.6	3.4	2.3	2.3	1.8	-0.2	4.3	6.3	4
5	6.8	7.0	5.8	4.9	5.4	3.4	2.4	2.3	1.6	-0.2	4.3	6.2	5
6	6.8	7.4	6.4	4.5	5.3	3.4	2.4	2.1	0.2	-0.2	4.1	6.1	6
7	6.9	7.4	6.4	5.0	5.2	3.3	2.4	1.9	0.0	2.5	4.1	6.1	7
8	6.9	6.7	6.3	4.6	5.0	3.3	2.3	1.8	0.1	0.8	4.3	6.0	8
9	6.9	6.6	5.8	3.6	4.9	3.2	2.2	0.6	0.1	0.0	4.4	6.0	9
10	6.9	6.5	5.7	3.9	4.8	3.3	2.3	1.9	0.1	-0.2	4.6	5.9	10
11	6.8	6.5	5.7	3.9	4.8	3.2	2.3	0.5	2.5	-0.2	4.7	5.8	11
12	2.6	6.5	5.7	3.9	4.8	3.2	2.4	1.8	2.7	-0.2	4.9	5.7	12
13	6.0	6.4	4.5	4.8	4.7	3.1	2.4	0.2	3.0	-0.2	5.0	5.7	13
14	6.0	6.4	4.4	4.8	4.7	3.0	2.4	0.3	0.0	2.5	5.0	5.7	14
15	6.9	6.4	4.3	3.4	4.6	2.9	2.6	0.1	0.0	1.9	5.0	5.6	15
16	6.9	6.4	4.3	4.0	4.5	0.9	2.8	2.5	2.3	0.0	5.4	1.8	16
17	6.9	5.9	4.4	4.0	4.4	2.9	2.8	1.4	0.5	-0.1	5.6	1.1	17
18	6.9	6.0	4.3	4.0	4.3	3.2	2.9	1.7	0.0	-0.1	5.6	0.8	18
19	6.9	6.1	4.3	5.0	4.3	3.1	2.9	0.3	0.2	-0.2	5.8	0.7	19
20	6.9	6.3	4.3	4.8	4.2	0.9	2.8	0.1	0.2	-0.2	5.9	3.6	20
21	3.8	6.3	4.2	3.7	4.2	0.5	2.6	0.7	0.2	-0.2	6.0	4.0	21
22	6.5	6.2	4.3	3.6	3.8	3.3	2.3	2.4	0.2	3.9	6.1	4.0	22
23	7.0	6.2	4.4	3.6	3.8	3.3	2.2	0.5	2.7	3.5	6.2	5.4	23
24	7.1	6.1	4.3	3.7	4.3	3.3	2.0	0.2	2.5	0.4	6.3	5.5	24
25	7.2	6.0	4.3	3.9	4.2	3.1	2.0	2.5	0.5	-0.2	6.4	5.3	25
26	7.4	6.1	3.9	3.0	4.1	2.9	1.9	2.0	0.0	2.8	6.4	5.3	26
27	7.4	6.1	3.9	1.9	3.9	2.8	1.9	0.5	0.2	3.0	6.4	5.5	27
28	7.4	6.0	4.0	1.3	3.8	2.4	1.8	2.3	2.3	3.0	6.5	5.8	28
29	7.4		4.1	2.9	3.8	2.5	1.8	1.9	0.5	0.8	6.5	6.4	29
30	7.4		4.1	5.9	3.8	2.4	1.8	1.9	2.0	2.8	6.5	6.6	30
31	6.9		4.1		3.7		1.8	1.9		3.0		6.7	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 a.m. readings.

Highest: 7.4 on Jan. 26-30 & Feb. 6-7.

Lowest: -0.2 on Oct. 1-6, 10-13, 19-21 & 25.

Period of record: Aug. 1, 1904 to date.

Highest for period of record: 24.2 on April 18-19, 1912.

Lowest for period of record: -0.2 on Oct. 1-6, 10-13, 19-21 & 25, 1941.

# RIVER STAGES

St. Francis

River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1940

Zero elevation 196.75 feet above Mean Gulf Level (1936 Adj.)

Bank full stage 17 feet on gauge

P.C.5M.6-8-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	3.6	0.9	5.4	5.6	6.5	7.0	5.7	3.4	3.6	2.5	2.1	3.1	1
2	3.8	0.8	5.4	5.6	6.5	6.8	5.7	4.0	3.6	3.0	2.0	3.6	2
3	3.8	0.8	5.3	5.5	7.9	6.7	5.7	3.9	2.0	0.7	1.0	3.7	3
4	2.0	3.9	5.4	3.7	8.0	6.7	5.7	4.5	3.8	2.9	1.2	3.6	4
5	0.5	4.1	5.3	5.0	8.0	6.5	5.6	4.2	4.4	2.9	1.8	3.0	5
6	0.4	4.2	5.3	5.3	8.0	6.5	5.6	4.0	3.6	1.0	2.0	2.3	6
7	0.4	4.2	5.3	5.6	7.2	6.4	5.6	3.6	3.2	2.5	0.4	3.4	7
8	0.4	1.2	5.3	5.6	6.4	6.4	5.5	3.6	3.2	1.5	2.5	3.7	8
9	0.4	4.0	5.3	6.6	6.0	6.3	5.5	1.3	2.9	2.6	0.6	3.7	9
10	0.4	4.2	5.2	6.0	6.2	6.4	5.5	3.6	2.9	0.8	2.5	3.7	10
11	0.4	4.3	5.2	5.5	6.1	6.4	5.4	3.7	1.2	2.6	0.8	3.5	11
12	2.5	4.4	5.2	5.5	6.0	6.3	5.4	3.8	3.0	0.8	0.7	3.5	12
13	3.8	4.5	5.4	5.5	7.3	6.3	5.3	3.8	2.9	2.6	0.4	2.7	13
14	4.0	4.7	5.4	5.5	7.7	6.2	5.3	4.0	2.9	0.7	0.4	3.5	14
15	4.0	4.8	5.4	5.5	7.7	5.2	5.3	4.0	1.5	2.6	0.2	3.7	15
16	4.0	2.7	5.4	5.5	6.3	5.9	5.3	4.0	2.7	0.8	0.4	3.9	16
17	2.0	4.5	5.4	5.5	6.0	6.0	4.5	4.9	2.6	0.4	3.2	4.9	17
18	0.9	5.5	5.4	5.6	5.8	6.2	4.2	4.0	2.4	2.8	3.5	5.0	18
19	0.8	5.9	5.4	6.8	5.7	6.1	4.5	3.9	1.1	2.4	3.5	5.0	19
20	0.8	7.0	5.4	7.4	7.1	5.5	4.6	3.9	0.6	0.7	3.5	5.4	20
21	0.8	7.7	5.3	7.8	7.2	6.0	5.6	3.9	2.9	2.7	3.4	5.7	21
22	0.8	7.8	5.3	7.8	7.3	6.0	5.7	1.4	2.8	0.7	1.5	5.9	22
23	0.8	7.6	5.2	7.4	7.4	6.0	5.5	4.8	2.4	2.4	3.0	6.0	23
24	0.4	3.9	5.3	7.3	7.4	2.8	5.5	4.7	2.2	2.0	3.2	6.1	24
25	5.9	4.8	5.3	6.8	7.5	2.0	5.5	5.4	2.2	0.6	3.0	6.2	25
26	5.0	5.3	5.3	6.6	7.4	6.3	5.5	4.8	2.3	2.5	3.1	6.3	26
27	5.0	6.8	5.3	6.5	7.4	6.2	5.2	4.0	2.4	0.6	0.9	6.3	27
28	5.0	4.7	5.4	6.5	7.3	5.9	5.0	3.5	2.6	2.5	0.5	6.4	28
29	2.3	5.5	5.5	6.4	7.1	5.9	4.8	3.6	2.5	0.6	3.2	6.4	29
30	1.2		5.6	6.4	7.0	5.8	4.8	3.6	1.5	2.3	0.8	6.4	30
31	1.0		5.6		7.0		4.0	3.5		0.6		6.4	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 A.M. Readings  
Highest = 8.0, May 4-6, 1940.  
Lowest = 0.2, November 15, 1940.

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. (Mile 148) for the calendar year 1939

Zero elevation 196.75 feet above Mean Gulf Level (1936 Adj )

Bank full stage 17 feet on gauge

R.C. 5M. 6-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	0.1	2.2	8.1	4.9	3.6	2.8	6.1	5.4	3.4	2.0	1.0	3.4	1
2	0.1	3.0	8.0	4.3	3.5	2.7	6.0	5.3	3.3	1.9	2.5	0.8	2
3	0.1	5.4	7.8	3.9	3.4	2.6	6.6	5.2	4.0	2.6	1.2	0.3	3
4	0.1	5.9	7.5	3.5	3.3	2.5	6.8	5.2	3.6	0.7	0.2	3.3	4
5	0.3	5.7	7.8	3.0	3.2	2.4	6.4	4.3	3.4	0.1	0.2	1.5	5
6	0.2	5.4	7.9	4.5	3.1	2.3	5.8	5.1	3.4	1.9	0.1	3.4	6
7	0.2	5.1	8.0	5.4	3.1	2.2	5.4	5.4	3.2	2.6	0.1	1.0	7
8	0.3	4.7	7.6	5.7	3.0	4.9	5.0	5.3	3.1	1.0	2.8	0.3	8
9	0.3	4.4	7.3	5.6	3.0	5.0	6.0	4.5	3.0	0.1	3.3	3.4	9
10	0.7	4.6	7.1	5.1	2.9	4.8	6.0	4.2	2.9	2.9	3.3	1.2	10
11	0.4	4.6	7.7	4.7	2.7	4.6	5.9	4.2	2.6	2.9	3.2	0.4	11
12	0.4	4.5	7.6	4.4	2.7	4.9	5.2	4.2	2.5	2.5	2.8	0.2	12
13	0.5	4.2	7.3	4.2	2.9	6.1	5.9	5.0	2.5	0.5	2.7	3.5	13
14	0.5	4.0	7.1	4.0	2.9	5.0	5.9	5.0	2.3	0.0	2.6	1.1	14
15	0.5	5.2	6.9	3.8	2.9	4.8	5.9	5.0	2.2	3.0	0.5	0.2	15
16	0.5	5.7	6.7	3.7	2.7	4.8	6.0	4.7	2.2	3.0	0.2	0.2	16
17	0.5	5.7	6.5	5.1	2.6	4.5	6.0	4.0	2.1	2.8	0.6	3.4	17
18	0.6	5.6	6.2	5.9	2.4	4.7	5.7	3.8	2.0	2.6	0.2	2.2	18
19	0.6	5.5	6.1	5.8	2.4	4.5	5.8	3.7	2.0	0.5	0.2	0.5	19
20	0.6	6.6	5.9	5.4	3.1	4.2	5.8	3.7	0.5	0.2	0.2	0.3	20
21	0.6	6.9	5.8	5.0	2.9	4.5	5.8	3.7	2.6	0.1	3.2	0.2	21
22	0.6	6.9	5.7	4.8	3.8	4.6	5.9	3.7	1.6	0.1	3.5	3.5	22
23	0.6	6.7	5.5	4.6	4.1	4.6	6.2	4.5	2.6	3.0	3.5	3.6	23
24	0.7	6.4	5.4	4.4	4.0	4.5	6.0	4.3	0.9	3.2	1.1	1.2	24
25	0.7	6.2	5.2	4.2	4.1	4.4	6.0	3.6	2.5	0.5	0.4	0.4	25
26	0.7	6.3	5.1	4.0	4.4	4.4	6.0	3.6	0.9	0.2	0.2	0.4	26
27	0.7	6.3	4.9	3.9	4.4	4.5	5.6	3.6	2.5	0.2	3.2	3.6	27
28	0.7	7.8	4.8	3.8	4.0	4.5	5.6	3.6	0.8	3.2	3.5	3.8	28
29	0.7	-	4.8	3.7	3.8	6.3	6.0	4.0	0.4	3.2	0.8	1.0	29
30	1.9	-	4.8	3.6	3.4	6.4	5.5	3.5	0.4	3.0	3.1	0.5	30
31	2.1	-	4.8	-	3.0	-	5.4	3.4	-	2.7	-	0.4	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 A.M. Readings:

Highest = 8.1, Mar. 1, 1939.

Lowest = 0.0, Oct. 14, 1939.

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. for the calendar year 1938  
 (M. 10148)

Zero elevation 196.75 feet above M.G.L. (1936 adj.)

Bank full stage 17.0 feet on gauge

*Weather Bureau*

M.R.C. 5M. 6-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	3.4	5.0	6.4	5.7	2.1	7.6	1.5	0.7	0.8	0.1	0.1	0.1	1
2	3.4	4.9	6.4	5.3	2.1	7.4	1.5	0.7	0.8	0.1	0.1	0.1	2
3	3.4	4.7	6.3	5.0	2.1	7.4	1.4	0.7	0.8	0.1	0.1	0.2	3
4	3.2	4.5	6.2	4.7	2.0	7.5	1.3	0.7	0.9	0.1	0.1	0.2	4
5	3.2	4.3	6.1	4.5	2.0	7.5	1.3	0.7	0.9	0.1	0.1	0.2	5
6	3.2	4.2	5.9	4.3	1.9	7.4	1.2	0.7	0.9	0.1	0.1	0.2	6
7	3.0	4.0	5.7	4.0	1.8	7.2	1.1	0.7	0.9	0.1	0.1	0.2	7
8	2.8	3.8	5.5	4.0	8.8	7.5	1.1	0.7	0.9	0.1	0.1	0.2	8
9	2.8	3.7	5.3	4.3	<u>9.4</u>	7.7	1.0	0.7	0.9	0.1	0.1	0.2	9
10	2.7	3.6	5.6	4.4	9.3	4.6	1.0	0.7	0.9	0.1	0.0	0.2	10
11	2.6	3.4	5.6	4.4	8.9	2.7	1.0	0.7	0.9	0.1	0.0	0.2	11
12	2.6	3.3	5.6	4.3	8.6	2.3	1.0	0.7	0.0	0.1	0.0	0.0	12
13	2.5	3.2	5.4	4.3	8.4	2.0	0.9	0.7	0.0	0.1	0.0	0.0	13
14	2.5	3.2	5.0	4.3	8.6	1.9	0.9	0.7	0.0	0.1	0.0	0.0	14
15	2.4	3.0	4.7	4.3	7.9	1.8	0.9	0.7	0.1	0.1	0.0	0.0	15
16	2.3	3.1	4.4	4.3	7.1	1.8	0.8	0.7	0.0	0.1	0.0	0.0	16
17	2.2	3.5	4.1	4.2	6.9	1.8	0.8	0.6	0.0	0.0	0.0	0.0	17
18	2.1	5.5	3.9	4.1	8.0	1.8	0.8	0.6	0.2	0.0	0.0	0.0	18
19	2.0	7.9	3.7	4.0	8.3	2.4	0.8	0.6	0.2	0.0	0.1	0.0	19
20	2.0	8.1	3.5	3.8	7.8	2.6	0.9	0.6	0.2	0.0	0.1	0.0	20
21	1.9	8.0	3.4	3.8	7.9	2.3	0.8	0.6	0.2	0.0	0.2	0.0	21
22	5.0	7.9	3.3	3.7	7.9	2.2	0.8	0.5	0.2	0.0	0.1	0.0	22
23	5.8	7.5	3.3	3.6	8.5	2.1	0.8	1.0	0.2	0.0	0.1	0.1	23
24	6.1	7.1	3.2	3.4	8.4	2.0	0.8	1.0	0.1	0.0	0.1	0.2	24
25	6.2	6.9	3.0	3.3	8.1	1.8	0.8	1.0	0.1	0.0	0.1	0.2	25
26	6.4	6.8	2.9	3.0	8.0	1.8	0.8	1.0	0.1	0.0	0.1	0.2	26
27	6.1	6.6	2.9	2.8	7.9	1.8	0.7	1.0	0.1	0.0	0.1	0.2	27
28	5.4	6.5	3.0	2.6	7.8	1.7	0.7	1.0	0.1	0.0	0.1	0.2	28
29	4.7	—	5.0	2.5	7.8	1.7	0.7	1.0	0.1	0.0	0.1	0.2	29
30	4.4	—	6.0	2.2	7.7	1.6	0.6	1.0	0.1	0.0	0.1	0.1	30
31	5.0	—	6.1	—	8.0	—	0.7	0.8	—	0.1	—	0.1	31
Sum													
Mean													
High													
Low													

Remarks: 7:00 A.M. Readings

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Arkansas (Mile 148) for the calendar year 1937

Zero elevation 196.75 feet above M.G.L. (1936 Adj.)

Bank full stage 17.0 feet on gauge

Weather Bureau

N. R. C. 5M. 6-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	2.0	18.1	12.9	3.5	2.6	1.7	1.8	1.6	0.3	1.0	1.8	1.7	1
2	2.1	18.2	12.4	3.4	2.8	1.7	1.7	1.6	0.3	1.0	1.7	1.7	2
3	2.0	18.5	11.9	3.4	3.2	1.7	1.7	1.5	0.3	1.1	1.7	1.7	3
4	2.0	18.7	11.5	3.3	3.6	1.7	1.6	1.4	0.2	1.1	1.6	1.6	4
5	1.9	18.8	11.0	3.4	3.6	1.8	1.7	1.3	0.3	1.1	1.6	1.6	5
6	1.8	18.8	10.6	3.4	3.5	1.8	1.7	1.3	0.3	1.3	1.6	1.6	6
7	2.0	18.8	10.0	3.5	3.5	1.8	2.0	1.2	0.3	1.3	1.6	1.6	7
8	2.1	18.8	9.5	3.6	3.4	1.8	2.2	1.2	0.3	1.3	1.6	1.6	8
9	2.7	18.8	8.9	3.6	3.3	1.8	2.3	1.2	0.3	1.3	1.6	1.6	9
10	3.6	18.7	8.3	3.5	3.2	1.9	2.3	1.1	0.5	1.3	1.8	1.6	10
11	4.6	18.6	7.6	3.5	3.0	1.9	2.2	0.9	0.5	1.3	2.4	1.5	11
12	5.0	18.4	6.9	3.4	3.0	2.0	2.1	1.5	0.5	1.2	2.4	1.5	12
13	4.9	18.1	6.3	3.4	3.0	2.1	2.1	1.5	0.5	1.2	2.4	1.5	13
14	4.7	18.0	5.9	3.3	3.0	2.5	2.0	0.7	0.6	1.1	2.4	1.9	14
15	5.0	17.8	5.6	3.2	2.9	2.6	2.0	0.6	0.6	1.1	2.3	1.9	15
16	5.2	17.6	5.4	3.1	2.9	2.6	1.9	0.6	0.6	1.1	2.3	2.0	16
17	5.4	17.3	5.1	3.1	2.9	2.6	1.9	0.6	0.6	1.1	2.2	1.6	17
18	8.5	17.0	4.9	3.0	2.8	2.6	1.8	1.0	0.6	1.5	2.2	1.6	18
19	9.7	16.7	4.7	3.0	2.7	2.5	1.8	1.0	0.6	1.7	2.0	1.6	19
20	10.1	16.5	4.6	2.9	2.6	2.5	1.8	1.0	0.6	2.2	2.0	1.8	20
21	11.5	16.3	4.5	2.9	2.3	2.4	1.8	1.0	0.5	2.5	2.0	1.9	21
22	14.1	15.9	4.2	2.9	2.3	2.3	2.4	0.7	0.5	2.5	2.0	2.0	22
23	15.3	15.6	4.1	2.9	2.2	2.2	2.4	0.5	0.5	2.4	1.9	2.5	23
24	15.9	15.2	4.0	2.9	2.2	2.1	2.0	0.6	0.5	2.3	1.9	2.8	24
25	16.7	14.8	4.0	2.9	2.2	2.1	1.9	0.6	0.5	2.2	1.8	3.0	25
26	17.2	14.3	4.0	2.8	2.1	2.0	2.3	0.6	0.5	2.2	1.8	3.0	26
27	17.6	13.8	4.0	2.9	2.0	2.0	2.2	0.5	0.7	2.1	1.8	3.0	27
28	17.9	13.4	3.9	2.8	1.9	1.9	2.2	0.5	0.9	2.0	1.8	3.2	28
29	18.0		3.7	2.7	1.9	1.9	1.9	0.4	1.0	1.9	1.7	3.4	29
30	18.0		3.6	2.7	1.9	1.8	1.6	0.4	1.0	1.9	1.7	3.4	30
31	18.1		3.5		1.8		1.6	0.4		1.9		3.4	31
Sum													
Mean													
High	18.1	18.8	12.9										
Low													

Remarks: 7:00 A.M. Readings  
 Mileage from Alluvial Valley Quadrangles

# RIVER STAGES

*St Francis* River Gauge at *Mark Tree, Ark. (Mile 148.4)* for the calendar year *1936*

Zero elevation *196.75* feet above *M. C. L.* (*1936 adj.*)

Bank full stage *17.0* feet on gauge Flood stage *17.0* ft.

*Weather Bureau*

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	3.8	3.6	3.7	4.0	4.4	3.5	2.0	2.5	0.5	2.2	3.2	2.5	1
2	3.8	3.6	3.7	4.0	4.3	3.5	1.9	2.4	0.5	2.4	3.2	2.1	2
3	3.8	3.6	3.7	4.0	4.3	3.5	2.6	2.2	0.9	1.9	3.5	2.2	3
4	3.8	3.6	3.8	4.0	4.2	3.4	2.9	2.0	0.6	1.6	3.6	2.2	4
5	3.8	3.6	3.8	4.0	4.1	3.4	3.0	2.0	1.8	1.6	3.9	2.2	5
6	3.8	3.6	3.8	4.0	4.0	3.3	3.3	1.8	2.0	1.6	4.0	2.5	6
7	3.7	3.6	3.8	4.0	4.0	3.3	3.3	1.8	2.1	1.6	3.9	2.9	7
8	3.7	3.6	3.8	4.0	4.0	3.3	3.3	1.7	2.1	1.8	3.9	3.1	8
9	3.7	3.6	3.8	4.0	3.9	3.3	3.3	1.7	2.2	3.1	3.9	3.1	9
10	3.7	3.6	3.8	4.0	3.9	3.3	3.3	1.6	3.0	3.1	3.8	3.1	10
11	3.7	3.6	3.8	4.1	3.9	3.2	3.3	1.6	3.1	3.2	3.8	3.0	11
12	3.7	3.6	3.8	4.3	3.8	3.2	3.3	1.5	3.1	3.3	3.8	3.0	12
13	3.7	3.6	3.8	4.3	3.8	3.2	3.2	1.4	3.2	3.3	3.8	3.0	13
14	3.7	3.6	3.9	4.4	3.8	3.2	3.2	1.4	3.2	3.3	3.6	2.8	14
15	3.7	3.6	3.9	4.4	3.8	3.2	3.2	1.3	3.3	3.3	3.8	2.7	15
16	3.7	3.6	3.9	4.4	3.8	3.1	3.2	1.2	3.3	3.4	2.6	2.7	16
17	3.7	3.6	4.0	4.5	3.8	3.0	3.1	1.0	3.3	3.8	2.8	2.7	17
18	3.7	3.6	4.0	4.5	3.8	3.0	3.0	1.0	3.3	3.9	2.9	2.6	18
19	3.7	3.6	4.0	4.5	3.7	2.9	3.0	1.0	3.3	3.9	3.0	2.6	19
20	3.7	3.6	4.0	4.6	3.7	2.9	3.0	1.0	2.3	3.1	3.2	2.6	20
21	3.7	3.7	4.0	4.6	3.7	2.8	3.0	0.9	2.3	2.8	3.6	2.6	21
22	3.7	3.7	4.0	4.6	3.7	2.8	3.0	0.9	2.3	2.8	3.6	2.6	22
23	3.7	3.7	4.0	4.6	3.6	2.7	3.0	0.8	2.2	2.8	3.9	2.6	23
24	3.6	3.7	4.0	4.6	3.6	2.6	3.0	0.8	2.2	3.0	4.0	2.6	24
25	3.7	3.7	4.0	4.6	3.6	2.6	3.0	0.8	2.2	3.1	4.0	2.6	25
26	3.7	3.7	4.0	4.6	3.6	2.5	2.9	0.7	2.3	3.1	4.0	2.0	26
27	3.6	3.7	4.0	4.6	3.6	2.4	2.9	0.7	2.3	3.1	4.0	1.9	27
28	3.7	3.7	4.0	4.5	3.6	2.3	2.8	0.6	2.3	3.0	4.0	1.7	28
29	3.7	3.7	4.0	4.5	3.5	2.2	2.8	0.6	2.3	3.1	4.0	1.7	29
30	3.7		4.0	4.4	3.5	2.1	2.7	0.5	2.2	3.0	4.1	1.6	30
31	3.7		4.0		3.5		2.6	0.5		3.2		1.6	31
Sum													
Mean													
High													
Low													

Remarks:

*7:00 AM. readings*

# RIVER STAGES

(Mile)

St. Francis River Gauge at Marked Tree, Ark. (148.4) for the calendar year 1935

Zero elevation <sup>14</sup> 196.69 feet above M. C. L.

Bank full stage 17.0 feet on gauge Flood Stage = 17.0 ft.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	5.8	7.7	6.5	12.0	6.5	5.8	6.0	4.4	2.6	2.8	3.2	3.8	1
2	5.9	7.6	6.4	12.2	6.4	5.8	6.0	4.3	2.6	2.8	3.2	3.8	2
3	5.9	8.1	6.4	12.2	6.4	6.9	6.1	4.3	2.6	2.5	3.2	3.8	3
4	5.9	8.1	6.3	12.1	6.3	7.9	6.1	4.3	2.8	2.4	3.2	3.7	4
5	5.8	8.1	6.8	12.0	6.5	8.0	6.0	4.2	2.8	2.3	3.3	3.7	5
6	5.8	8.0	7.2	12.8	7.3	7.8	6.0	4.7	2.8	2.2	3.3	3.7	6
7	5.8	7.9	7.5	13.2	7.9	7.5	5.9	4.8	2.6	2.2	3.3	3.8	7
8	5.8	7.8	7.3	13.2	8.1	7.2	5.8	4.7	2.6	2.1	3.3	3.8	8
9	5.8	7.7	7.2	13.0	8.0	7.0	5.7	4.7	2.5	2.0	3.3	3.8	9
10	5.9	7.6	7.3	12.6	7.6	6.7	5.6	4.6	2.4	2.0	3.3	3.8	10
11	5.9	7.6	7.9	12.3	7.3	6.5	5.5	4.6	2.7	2.1	3.3	3.8	11
12	5.9	7.6	8.9	12.0	7.0	6.3	5.4	4.5	2.6	2.0	3.4	3.8	12
13	5.8	7.6	9.4	11.7	6.8	6.1	5.2	4.5	2.6	2.0	3.4	3.8	13
14	5.8	7.7	9.5	11.3	6.6	6.3	5.1	4.5	1.6	2.0	3.5	3.8	14
15	5.8	7.7	9.4	11.0	6.5	6.5	5.0	4.5	1.4	2.0	3.5	3.8	15
16	5.8	7.7	9.2	10.6	6.5	6.8	5.0	4.4	1.4	1.9	3.5	3.8	16
17	5.8	7.6	9.0	10.2	6.5	7.1	5.0	4.4	1.6	1.9	3.5	3.8	17
18	5.6	7.5	8.8	9.9	6.4	7.7	4.8	4.4	1.8	1.9	3.7	3.8	18
19	5.7	7.3	8.8	9.5	6.5	8.1	4.8	4.4	2.8	1.9	3.7	3.8	19
20	6.5	7.2	8.8	9.2	6.8	7.8	4.7	4.3	2.1	2.0	3.7	3.8	20
21	8.2	7.1	8.8	8.9	6.9	7.5	4.8	4.3	2.4	2.1	3.7	3.8	21
22	9.1	7.0	9.0	8.8	6.9	7.1	4.6	4.3	2.5	2.1	3.7	3.8	22
23	9.2	6.9	9.5	8.4	6.8	6.7	4.6	4.2	2.4	2.4	3.7	3.9	23
24	9.2	6.8	9.9	8.1	6.7	6.4	4.6	4.1	2.3	2.7	3.7	3.9	24
25	9.1	6.8	10.3	7.8	6.6	6.2	4.7	4.0	2.2	2.8	3.7	3.9	25
26	8.9	6.7	10.6	7.6	6.4	6.0	4.7	4.0	2.1	2.9	3.7	3.9	26
27	8.6	6.6	10.8	7.4	6.3	6.0	4.6	3.7	2.3	3.0	3.8	3.9	27
28	8.3	6.6	11.1	7.2	6.2	6.0	4.5	3.5	2.4	3.1	3.8	3.8	28
29	8.1	<del>x</del>	11.2	7.0	6.0	6.0	4.5	3.3	2.6	3.2	3.8	3.8	29
30	7.9	<del>x</del>	11.3	6.7	5.9	6.0	4.5	3.0	2.8	3.1	3.8	3.8	30
31	7.8	<del>x</del>	11.7	<del>x</del>	5.9	<del>x</del>	4.4	2.7	<del>x</del>	3.1	<del>x</del>	3.8	31
Sum	211.4	208.6	212.8	310.9	208.5	203.7	160.2	130.5	70.9	73.5	105.2	118.0	Year
Mean	6.8	7.5	8.8	10.3	6.7	6.8	5.2	4.2	2.4	2.4	3.5	3.8	-
High	9.2	8.1	11.7	13.2	8.1	8.1	6.1	4.8	2.8	3.2	3.8	3.9	13.2
Low	5.6	6.6	6.3	6.7	5.9	5.8	4.4	2.7	1.4	1.9	3.2	3.7	1.4

Remarks:

# RIVER STAGES

(Mile )

St. Francis River Gauge at Marked Tree, Ark. (148.4) for the calendar year 1934.

Zero elevation 196.6 feet above M. G. L.

Bank full stage 17.0 feet on gauge Flood Stage = 17.0 ft.

U. S. GOVERNMENT PRINTING OFFICE: 1933 26504	DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	6.8	6.0	4.7	11.9	7.0	5.1	3.6	2.0	3.7	3.9	1.8	6.0	1	
2	6.8	6.0	4.7	12.0	6.9	5.1	3.5	2.0	3.7	3.5	2.2	6.1	2	
3	6.8	5.9	5.0	12.1	6.7	5.1	3.5	2.0	3.7	3.8	2.4	6.3	3	
4	6.7	5.8	5.1	12.1	6.6	5.0	3.3	1.9	3.6	3.8	2.5	6.5	4	
5	6.8	5.8	5.1	12.2	6.5	5.0	3.3	1.9	3.5	3.8	2.5	6.6	5	
6	6.8	5.7	5.2	12.2	7.4	5.0	3.2	1.8	3.1	3.8	2.4	6.6	6	
7	6.9	5.2	5.2	12.1	7.7	5.0	3.7	1.7	3.0	3.8	2.6	6.6	7	
8	7.0	5.1	5.4	12.0	7.7	5.0	3.5	1.6	3.0	3.7	2.7	6.6	8	
9	7.0	5.1	5.6	11.8	7.6	4.9	3.4	1.6	3.0	3.6	2.7	6.6	9	
10	7.0	5.0	5.7	11.6	7.4	4.9	3.2	1.6	2.9	3.6	4.5	6.6	10	
11	7.0	4.9	5.7	11.4	7.3	4.9	3.1	1.6	2.8	3.5	4.4	6.1	11	
12	6.9	4.9	5.9	11.1	7.2	4.9	2.7	1.0	1.8	3.5	4.4	5.9	12	
13	6.9	4.8	5.9	10.8	6.9	5.4	2.6	1.0	1.7	2.7	4.4	5.8	13	
14	6.9	4.8	6.0	10.5	6.7	5.4	2.6	1.0	1.8	2.8	4.4	5.8	14	
15	6.8	4.8	6.0	10.2	6.1	5.4	2.6	1.0	1.8	3.0	4.3	5.8	15	
16	6.9	4.7	6.1	10.0	6.1	5.4	2.6	1.0	1.8	3.2	4.3	5.2	16	
17	6.9	4.7	5.8	9.7	6.0	5.4	2.6	0.9	1.9	3.2	3.5	5.0	17	
18	6.9	4.7	5.8	9.5	6.1	5.1	2.5	1.0	3.0	3.1	3.5	5.0	18	
19	6.8	4.6	5.9	9.3	6.1	5.0	2.5	1.0	3.4	3.0	3.5	5.1	19	
20	6.8	4.6	5.9	9.1	6.1	5.0	2.5	1.0	3.3	3.0	3.5	5.1	20	
21	6.8	4.6	5.9	9.0	6.1	5.3	2.5	1.0	3.3	3.0	3.8	5.1	21	
22	6.7	4.6	6.0	8.9	6.0	5.0	2.5	1.1	3.2	2.8	4.8	5.2	22	
23	6.7	4.6	6.0	8.8	6.8	4.9	2.4	1.1	3.2	2.5	5.0	5.2	23	
24	6.7	4.5	6.2	8.6	7.0	4.6	2.4	1.2	3.1	2.3	5.2	5.6	24	
25	6.6	4.5	7.8	8.2	6.9	4.3	2.0	1.3	3.1	2.4	5.5	5.5	25	
26	6.6	4.5	9.2	8.0	6.8	4.1	2.0	3.3	3.0	2.0	5.3	5.4	26	
27	6.4	4.5	10.7	8.0	5.8	4.0	2.0	3.6	3.0	2.0	4.5	5.4	27	
28	6.3	4.6	11.1	7.7	5.8	4.0	2.0	3.7	3.5	2.0	4.7	5.4	28	
29	6.3	*	11.4	7.5	5.2	3.8	2.0	3.7	3.6	1.8	5.7	5.5	29	
30	6.2	*	11.6	7.3	5.0	3.6	2.0	3.8	3.7	1.8	5.9	5.5	30	
31	6.2	*	11.8	*	5.1	*	2.0	3.8	*	1.8	*	5.5	31	
Sum	208.9	139.5	208.4	303.6	202.6	145.6	84.3	56.2	89.2	92.7	116.9	178.6	YEAR	
Mean	6.7	5.0	6.7	10.1	6.5	4.9	2.7	1.8	3.0	3.0	3.9	5.8	—	
High	7.0	6.0	11.8	12.2	7.7	5.4	3.7	3.8	3.7	3.9	5.5	6.6	12.2	
Low	6.2	4.5	4.7	7.3	5.0	3.6	2.0	0.9	1.7	1.8	1.8	5.0	0.9	

Remarks:

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. <sup>(mile)</sup> 148.4 for the calendar year 1933

Zero elevation 196.6 feet above m. s. l.

Bank full stage 17.0 feet on gauge Flood stage = 17.0 ft.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	<u>8.0</u>	<u>11.0</u>	8.6	<u>11.4</u>	12.3	<u>13.8</u>	<u>5.2</u>	4.8	<u>4.5</u>	4.8	4.0	3.7	1
2	8.4	11.0	8.6	12.3	12.3	13.5	5.2	4.8	4.6	4.8	4.0	<u>2.6</u>	2
3	8.3	10.9	8.5	12.7	12.3	13.2	5.0	4.8	4.8	4.8	4.0	4.1	3
4	8.2	10.9	8.4	12.7	12.2	12.9	4.9	4.8	4.9	4.8	3.9	4.2	4
5	8.1	10.9	8.2	12.6	12.5	12.5	4.9	5.0	5.1	4.8	4.0	3.6	5
6	8.0	10.9	8.1	12.7	12.6	12.1	4.8	<u>5.1</u>	5.2	<u>4.9</u>	4.0	4.1	6
7	8.2	10.9	8.0	12.8	12.6	11.7	4.8	<u>5.1</u>	5.3	4.9	4.0	4.1	7
8	8.4	10.8	8.0	12.8	12.7	11.2	4.8	5.1	5.4	4.9	4.0	3.8	8
9	8.6	10.7	8.0	12.8	12.6	10.8	4.7	5.0	<u>5.5</u>	4.9	4.0	3.6	9
10	8.9	10.5	8.1	12.8	12.5	10.0	4.6	4.9	5.4	4.9	<u>4.1</u>	4.5	10
11	9.2	10.3	8.1	13.0	12.1	9.2	4.6	5.0	5.4	4.9	4.1	4.5	11
12	9.5	10.1	8.1	13.1	11.8	8.4	4.5	4.9	5.4	4.9	4.0	5.6	12
13	9.8	9.9	8.1	13.1	<u>11.7</u>	7.9	4.5	5.1	5.4	4.9	4.0	5.6	13
14	10.2	9.8	8.0	13.0	<u>11.7</u>	7.5	4.3	5.1	5.4	4.9	3.9	5.6	14
15	10.5	9.8	7.9	13.1	11.8	7.8	4.2	5.1	5.4	4.9	3.7	5.4	15
16	10.8	9.8	7.9	13.2	11.9	7.5	4.1	5.0	5.4	4.9	3.7	5.2	16
17	11.0	9.9	<u>7.8</u>	<u>13.3</u>	11.9	7.2	4.1	4.9	5.3	4.9	3.6	4.6	17
18	10.9	9.8	7.8	13.3	11.8	6.9	4.0	4.9	5.3	4.3	3.6	5.0	18
19	10.8	9.4	8.0	13.2	11.8	6.6	4.0	4.9	5.3	4.3	3.5	6.2	19
20	10.9	9.3	8.5	13.1	11.8	6.2	3.8	4.9	5.2	4.3	3.4	7.0	20
21	10.0	9.1	8.9	13.0	11.9	6.1	3.8	4.9	5.2	4.3	3.4	7.2	21
22	10.7	9.0	9.1	13.0	12.0	5.9	3.6	4.8	5.1	4.2	3.4	<u>7.3</u>	22
23	11.3	8.9	9.2	12.9	12.1	5.8	<u>3.4</u>	4.8	5.0	4.2	<u>3.1</u>	7.3	23
24	11.9	8.6	9.2	12.8	12.2	5.7	3.4	4.7	5.0	4.2	3.1	7.3	24
25	<u>12.1</u>	8.4	9.2	12.7	13.1	5.4	3.4	4.6	4.9	4.2	3.1	7.0	25
26	<u>11.9</u>	8.1	9.2	12.6	13.6	5.1	3.4	4.6	4.9	4.2	3.2	7.2	26
27	11.7	8.1	9.3	12.5	13.9	<u>5.0</u>	4.0	4.6	4.8	4.2	3.2	7.2	27
28	11.5	<u>7.9</u>	9.4	12.4	14.1	5.3	4.5	<u>4.5</u>	4.7	4.1	3.2	7.2	28
29	11.4	<del>*</del>	9.4	12.4	<u>14.2</u>	5.3	4.6	4.5	4.7	4.1	3.2	7.1	29
30	11.2	<del>*</del>	9.4	12.3	14.0	5.3	4.8	4.5	4.8	4.2	3.5	6.8	30
31	11.1	<del>*</del>	10.0	<del>*</del>	13.9	<del>*</del>	4.9	4.5	<del>*</del>	<u>4.0</u>	<del>*</del>	6.7	31
Sum	311.5	274.7	265.0	383.6	387.9	251.8	134.8	150.2	153.3	141.6	109.9	171.3	Year
Mean	10.0	9.8	8.5	12.8	12.5	8.4	4.3	4.8	5.1	4.6	3.7	5.5	—
High	12.1	11.0	10.0	13.3	<u>14.2</u>	13.8	5.2	5.1	5.5	4.9	4.1	7.3	14.2
Low	8.0	7.9	7.8	11.4	11.7	5.0	3.4	4.5	4.5	4.0	3.1	<u>2.6</u>	2.6

Remarks:

# RIVER STAGES

(mile 148.4)

St. Francis River Gauge at Marked Tree, Arkansas for the calendar year 1932

Zero elevation 196.6 feet above M. G. L.

Bank full stage 17.0 feet on gauge Flood stage = 17.0 feet.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	<u>8.0</u>	18.1	<u>14.0</u>	10.9	7.2	<u>5.3</u>	2.9	2.6	2.4	<u>2.3</u>	2.4	4.7	1
2	8.4	<u>18.2</u>	13.8	11.1	7.0	5.3	3.0	2.6	2.4	2.3	<u>2.3</u>	4.7	2
3	8.5	18.2	13.7	11.1	7.5	5.2	3.0	2.7	<u>2.5</u>	2.3	2.3	4.6	3
4	8.5	18.2	13.7	11.0	<u>7.6</u>	5.1	3.4	2.6	2.4	2.4	2.4	4.6	4
5	8.7	18.1	13.4	10.0	7.4	5.0	4.4	2.8	2.4	2.4	2.4	4.4	5
6	<u>9.1</u>	18.0	13.3	9.6	7.2	5.0	<u>4.6</u>	2.8	2.4	2.4	2.5	4.4	6
7	9.5	17.9	12.9	9.4	7.0	5.0	4.6	2.8	2.4	2.6	2.6	4.3	7
8	9.7	17.8	12.6	10.9	6.8	4.9	4.5	<u>2.9</u>	2.4	2.6	2.7	4.3	8
9	9.8	17.6	12.2	11.5	6.7	4.8	4.5	2.9	2.3	2.6	2.8	<u>4.1</u>	9
10	9.9	17.4	11.7	<u>11.7</u>	6.6	4.8	4.3	2.9	2.4	2.6	2.8	4.2	10
11	9.9	17.2	11.3	11.5	6.5	4.8	4.3	2.9	2.4	2.6	2.8	4.2	11
12	10.4	17.0	10.9	11.4	6.4	4.7	4.3	2.6	2.4	2.8	2.8	4.2	12
13	11.2	16.8	10.4	11.1	6.3	4.7	4.2	2.4	2.4	2.8	3.1	4.2	13
14	11.9	16.6	9.9	10.8	6.2	4.5	4.1	2.3	2.4	2.8	3.2	4.2	14
15	12.9	16.4	9.4	10.7	6.2	4.4	4.0	2.3	2.3	2.8	3.2	4.3	15
16	13.9	16.4	9.0	10.5	6.1	4.4	3.1	2.3	2.3	<u>3.6</u>	3.2	4.3	16
17	14.7	16.3	8.8	10.2	6.0	4.3	3.1	2.3	2.3	3.6	3.8	4.2	17
18	15.3	16.3	9.1	10.0	5.9	4.2	2.9	<u>2.2</u>	2.0	3.6	4.9	4.2	18
19	15.5	16.2	9.1	9.9	5.9	4.0	2.8	2.2	2.0	3.4	5.0	4.2	19
20	15.8	16.0	8.8	9.7	5.9	3.9	4.1	2.4	2.0	3.4	5.0	4.2	20
21	15.9	15.8	8.6	9.4	5.8	3.9	4.0	2.4	2.0	3.2	<u>5.1</u>	4.2	21
22	16.1	15.6	8.2	9.3	<u>5.2</u>	3.8	4.0	2.5	2.0	3.0	5.1	4.2	22
23	16.9	15.5	7.8	9.0	5.5	3.8	3.3	2.5	2.0	2.8	5.1	4.3	23
24	17.3	15.3	7.4	8.9	5.6	3.7	3.0	2.5	<u>1.9</u>	2.6	5.0	4.6	24
25	17.4	15.2	7.2	8.7	5.6	3.4	2.9	2.5	1.9	2.5	5.0	4.8	25
26	17.6	15.0	<u>7.1</u>	8.6	5.5	<u>2.6</u>	2.9	2.5	1.9	2.5	5.0	5.0	26
27	17.7	14.7	7.7	8.4	5.5	<u>2.7</u>	2.9	2.5	1.9	2.6	5.0	4.7	27
28	17.8	14.4	8.0	8.0	5.4	2.7	2.9	2.5	2.0	2.3	5.0	5.2	28
29	17.9	<u>14.1</u>	9.9	7.8	5.4	2.8	2.9	2.5	2.0	2.3	4.9	5.5	29
30	18.0	<del>X</del>	10.2	<u>7.5</u>	5.4	2.8	2.9	2.5	2.1	2.3	4.9	5.9	30
31	<u>18.1</u>	<del>X</del>	10.5	<del>X</del>	5.4	<del>X</del>	2.6	2.5	<del>X</del>	2.3	<del>X</del>	7.0	31
Sum	412.3	480.3	320.6	298.6	192.7	126.5	110.4	78.9	66.2	84.3	112.3	141.9	Year
Mean	13.3	16.6	10.3	9.7	6.2	4.2	3.6	2.5	2.2	2.7	3.7	4.6	—
High	18.1	18.2	<u>14.0</u>	11.7	7.6	5.3	4.6	2.9	2.5	3.6	5.1	7.0	14.0
Low	8.0	14.1	7.1	7.5	5.2	2.6	2.6	2.2	1.9	2.3	2.3	4.1	1.9

Remarks: Oct. 17, 1932:- Discharge St. Francis River at Marked Tree, Ark. - 1218 c.f.s.  
 " 18, 1932:- Discharge " " " " Steep Gut - 1268 c.f.s.  
 No flow in Oak Donnicks- Steep Gut Floodway.

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Arkansas for the calendar year 1931

196.575 feet above m. & L. - N. & E. Datum.

Zero elevation 196.6 feet above M. & L. (U. S. W. B. Book - 1920)

Flood stage = 17.0 feet. Bankfull stage = 17.0 feet.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	1.7	1.7	5.1	<u>6.6</u>	4.9	<u>3.2</u>	1.8	2.1	<u>3.3</u>	1.9	1.5	<u>4.2</u>	1
2	<u>1.6</u>	1.7	5.1	<u>6.5</u>	5.0	<u>3.0</u>	1.8	2.0	3.3	1.9	1.5	4.2	2
3	<u>1.6</u>	1.7	5.1	6.5	5.0	3.0	1.8	1.9	3.3	1.9	1.5	4.4	3
4	1.6	1.7	4.9	6.4	4.9	3.0	1.7	1.9	3.2	1.9	1.5	4.5	4
5	1.6	1.7	4.7	6.2	4.9	3.0	1.8	<u>1.8</u>	3.2	1.9	1.5	4.6	5
6	1.6	<u>1.6</u>	4.5	6.1	4.8	2.8	1.8	<u>1.8</u>	3.2	1.8	1.5	4.6	6
7	1.6	<u>1.6</u>	4.5	6.0	4.8	2.8	2.0	1.8	3.2	1.8	1.5	4.6	7
8	1.6	1.6	4.5	5.8	4.9	2.8	2.0	2.1	3.3	1.8	1.5	4.6	8
9	1.6	2.0	<u>4.4</u>	5.6	4.9	2.7	2.0	2.9	3.3	1.6	1.5	4.7	9
10	1.6	2.3	4.4	5.5	4.9	2.7	2.0	3.0	3.2	1.6	1.5	4.7	10
11	1.7	2.6	4.4	5.5	4.9	2.6	1.9	<u>3.2</u>	3.2	1.6	1.5	4.7	11
12	<u>1.8</u>	2.8	4.6	5.4	5.0	2.6	1.9	3.2	2.8	1.6	1.5 <sup>Ⓢ</sup>	4.7	12
13	1.8	3.1	4.7	5.3	<u>5.1</u>	2.6	1.9	3.2	2.7	1.6	1.5	5.7	13
14	1.8	3.8	4.8	5.2	<u>5.0</u>	2.5	<u>0.5</u>	3.2	2.7	1.0	1.5	6.7	14
15	1.8	3.9	4.9	5.1	5.0	2.5	<u>0.5</u>	3.0	2.6	<u>0.6</u>	<u>1.4</u>	7.1	15
16	1.8	4.0	4.9	4.9	5.0	2.4	0.5	2.9	2.6	0.6	<u>1.4</u>	7.2	16
17	1.8	4.1	5.0	4.8	4.8	2.4	0.5	2.9	2.4	<u>2.9</u>	1.4	7.1	17
18	1.8	4.2	5.1	4.6	4.5	2.3	1.4	2.6	2.3	<u>1.8</u>	1.5	7.0	18
19	1.8	4.2	5.1	4.6	4.4	2.3	1.4	2.4	2.3	2.1	1.5	7.0	19
20	1.8	4.2	5.1	<u>4.4</u>	4.4	2.1	1.4	2.3	2.1	2.1	1.8	7.2	20
21	1.8	4.0	6.0	4.7	4.4	2.0	1.7	2.3	2.0	1.6	3.0	7.4	21
22	1.8	4.6	6.3	4.7	4.2	2.0	1.8	2.1	<u>1.7</u>	1.6	3.1	7.5	22
23	1.8	4.7	6.5	4.7	4.0	1.9	2.1	2.1	1.7	1.6	3.3	<u>7.6</u>	23
24	1.8	4.8	6.7	4.7	3.9	1.9	2.8	2.0	1.7	1.6	3.4	<u>7.6</u>	24
25	1.8	<u>5.3</u>	6.7	4.7	3.9	1.9	2.9	2.0	1.7	0.6	3.4	7.5	25
26	1.8	5.2	6.7	4.8	<u>3.2</u>	1.9	<u>3.0</u>	1.9	2.0	2.5	3.5	7.5	26
27	1.8	5.1	6.8	4.9	3.6	1.9	<u>3.0</u>	1.9	2.0	1.6	3.6	7.5	27
28	1.8	5.1	7.0	4.9	3.5	<u>1.8</u>	2.8	1.9	2.0	1.6	3.6	7.3	28
29	1.8	x	<u>7.1</u>	4.9	3.4	<u>1.8</u>	2.4	2.3	1.9	1.8	3.8	7.5	29
30	1.8	x	7.0	4.9	3.3	1.8	2.3	2.0	1.9	1.8	<u>4.0</u>	7.4	30
31	1.7	x	6.7	x	3.2	x	2.3	3.0	x	1.6	x	7.5	31
Sum	53.7	93.3	169.3	158.9	137.7	72.2	57.7	73.7	76.8	51.9	64.7	191.9	Year
Mean	1.7	3.3	5.5	5.3	4.4	2.4	1.9	2.4	2.6	1.7	2.2	6.2	—
High	1.8	5.3	7.1	6.6	5.1	3.2	3.0	3.2	3.3	2.9	4.0	<u>7.6</u>	7.6
Low	1.6	1.6	4.4	4.4	3.2	1.8	0.5	1.8	1.7	0.6	1.4	4.2	0.5

Remarks: Nov. 12. Gage 1.45 by Seavey; Q = 526 c.f.s.

— = Highest Nov. 11, Q at Steep Gut = 460 c.f.s.

— = lowest

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Arkansas for the calendar year 1930

196.575 feet above M. T. L. U.S. E. Datum.

Zero elevation 196.6 feet above M. S. L. (U.S.W.B. Base, 1930)

Flood stage = 17 feet.

Bankfull stage = 17 feet

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.4	18.6	15.8	8.8	4.6	4.9	2.0	1.2	0.6	0.7	0.7	1.2	1
2	7.6	18.6	15.5	9.0	4.5	4.6	2.0	1.0	0.6	0.7	0.7	1.2	2
3	7.6	18.6	15.1	9.2	4.4	4.4	2.0	1.0	0.6	0.6	0.7	1.2	3
4	7.6	18.7	14.8	9.2	4.3	4.2	2.0	1.0	0.6	0.6	0.7	1.2	4
5	7.6	18.7	14.4	9.1	4.3	4.0	2.1	1.0	0.6	0.6	0.7	1.2	5
6	7.6	18.7	14.0	8.9	4.2	4.0	2.0	1.0	0.6	0.6	0.7	0.7	6
7	7.6	18.6	13.8	8.7	4.2	3.9	2.0	1.0	0.6	0.6	0.7	1.4	7
8	8.8	18.6	13.6	8.4	4.0	3.8	1.9	0.9	0.6	0.6	0.7	1.4	8
9	10.8	18.5	13.3	8.2	4.3	3.7	1.8	0.9	0.6	0.6	0.7	1.5	9
10	12.4	18.4	13.0	8.2	4.8	3.5	1.8	0.8	0.6	0.6	0.7	1.5	10
11	13.5	18.3	12.9	8.0	5.8	3.3	1.8	0.8	0.6	0.6	0.8	1.5	11
12	14.5	18.2	12.7	7.8	6.0	3.5	1.7	0.8	0.7	0.6	0.8	1.5	12
13	15.6	18.2	12.5	7.6	5.7	3.4	1.7	0.8	0.7	0.6	0.8	1.5	13
14	16.5	18.1	12.2	7.3	5.7	3.2	1.6	0.8	0.7	0.6	0.8	1.5	14
15	17.1	18.0	11.9	7.0	5.7	3.2	1.6	0.8	0.7	0.6	0.8	1.5	15
16	17.4	17.8	11.7	6.8	5.7	3.1	1.6	0.9	0.7	0.5	0.8	1.5	16
17	17.6	17.7	11.4	6.7	5.8	3.1	1.6	0.9	0.6	0.5	0.8	1.5	17
18	17.8	17.6	11.0	6.5	6.8	3.0	1.5	1.0	0.6	0.6	0.9	1.5	18
19	18.1	17.5	10.9	6.3	8.6	2.9	1.5	1.0	0.6	0.6	0.9	1.6	19
20	18.2	17.3	10.7	6.1	9.4	2.8	1.5	1.0	0.6	0.7	0.9	1.6	20
21	18.4	17.2	10.5	5.9	9.1	2.8	1.4	1.1	0.6	0.7	0.9	1.6	21
22	18.5	17.1	10.4	6.0	8.6	2.7	1.4	1.1	0.6	0.7	0.9	1.6	22
23	18.5	16.9	10.2	5.8	8.0	2.6	1.4	0.9	0.6	0.7	0.9	1.6	23
24	18.5	16.8	10.0	5.6	7.5	2.5	1.4	0.9	0.6	0.7	0.9	1.6	24
25	18.5	16.6	10.0	5.5	7.0	2.5	1.4	0.9	0.6	0.8	1.0	1.6	25
26	18.5	16.5	9.8	5.4	6.5	2.4	1.4	0.8	0.6	0.8	1.0	1.6	26
27	18.6	16.3	9.8	5.1	6.2	2.3	1.4	0.8	0.6	0.8	1.0	1.6	27
28	18.6	16.0	9.6	5.0	6.0	2.3	1.4	0.8	0.6	0.8	1.0	1.6	28
29	18.6	<del>x</del>	9.4	4.8	5.7	2.2	1.4	0.7	0.6	0.8	1.1	1.7	29
30	18.6	<del>x</del>	9.2	4.7	5.4	2.2	1.2	0.7	0.6	0.7	1.2	1.7	30
31	18.6	<del>x</del>	9.0	<del>x</del>	5.1	<del>x</del>	1.2	0.6	<del>x</del>	0.7	<del>x</del>	1.7	31
Sum	455.2	498.1	369.1	211.6	183.9	96.0	50.7	27.9	18.5	20.3	25.2	45.6	Year
Mean	14.7	17.8	11.9	7.1	5.9	3.2	1.6	0.9	0.6	0.7	0.8	1.5	—
High	18.6	18.7	15.8	9.2	9.4	4.9	2.1	1.2	0.7	0.8	1.2	1.7	18.7
Low	7.4	16.0	9.0	4.7	4.0	2.2	1.2	0.6	0.6	0.5	0.7	0.7	0.5

Remarks: Gaging July 20, by E.M. Ray — Discharge 480 c.f.s. at 1/2 mi below river gage.

— = Highest — = Lowest

July 20, at Steep Gut } In floodway ditches ----- 368 c.f.s }  
 } In main river above junction 625 c.f.s } total at junction = 993 c.f.s  
 } Measured in river below junction ----- } 1,035 c.f.s

# RIVER STAGES

St. Francis River Gauge at Marked Tree, Ark. for the calendar year 1929.

Zero elevation 196.6 feet above M. & T. Bank full = 17.0 feet.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.7	12.8	13.5	14.6	16.0	17.2	7.6	4.8	2.8	2.4	2.2	2.6	1
2	11.8	13.4	13.5	14.4	16.0	17.0	7.3	4.8	2.7	2.3	2.3	2.6	2
3	11.9	14.0	13.6	14.5	15.9	16.8	7.8	4.5	2.7	2.3	2.4	2.6	3
4	11.9	14.5	13.9	14.4	15.7	16.5	6.8	4.1	2.5	2.3	2.4	2.5	4
5	11.8	15.0	14.3	14.3	15.5	16.2	6.4	3.9	2.5	2.6	2.4	2.5	5
6	11.5	15.4	14.8	14.2	15.4	15.8	6.0	3.7	2.5	2.6	2.5	2.5	6
7	11.2	15.6	15.3	14.0	15.1	15.3	5.6	3.5	2.5	2.5	2.5	2.5	7
8	10.8	15.9	15.7	13.9	14.9	14.9	5.2	3.3	2.8	2.6	2.5	2.6	8
9	10.5	16.2	16.0	14.0	15.3	14.2	5.0	3.3	3.0	2.6	2.5	2.6	9
10	10.1	16.2	16.2	14.1	15.4	13.8	4.9	3.5	3.2	2.4	2.5	2.6	10
11	9.8	16.2	16.4	14.3	15.5	12.9	4.9	3.5	3.4	2.4	2.5	2.6	11
12	9.3	16.1	16.5	14.4	15.4	12.3	4.8	3.9	3.4	2.4	2.5	2.6	12
13	8.8	16.0	16.7	14.4	15.4	11.5	4.7	4.3	3.2	2.3	2.6	2.5	13
14	8.6	15.9	16.8	14.3	15.4	10.8	4.6	4.6	3.0	2.3	2.7	2.5	14
15	8.3	15.7	16.9	14.5	15.5	10.2	4.6	4.9	3.0	2.3	2.7	2.5	15
16	8.2	15.4	17.0	14.6	15.5	9.5	4.6	5.0	3.0	2.2	2.8	2.5	16
17	8.1	15.2	17.0	14.7	15.6	9.1	4.6	4.9	3.0	2.1	2.8	2.5	17
18	8.0	14.8	17.0	14.7	15.6	8.8	4.6	4.7	3.0	2.0	2.8	2.8	18
19	8.4	14.4	16.9	14.7	15.9	8.3	4.7	4.5	3.0	2.0	2.9	3.2	19
20	8.6	14.0	16.8	14.7	16.2	7.9	4.7	4.3	3.0	2.0	3.0	3.4	20
21	8.7	13.5	16.7	14.9	16.4	7.8	4.7	3.9	2.9	2.0	3.0	4.0	21
22	8.7	12.9	16.6	15.1	16.5	7.6	4.7	3.7	2.8	2.0	2.8	4.2	22
23	8.5	12.4	16.3	15.4	16.7	7.4	4.7	3.5	2.7	2.0	2.8	4.8	23
24	8.4	12.0	16.0	15.4	16.9	7.4	4.7	3.3	2.7	2.0	2.8	5.3	24
25	9.0	11.6	15.8	15.7	17.0	7.4	4.7	3.0	1.9	2.0	2.7	5.7	25
26	9.7	12.6	15.5	15.8	17.3	7.5	4.6	3.1	2.7	2.0	2.7	6.0	26
27	10.2	13.0	15.1	15.9	17.4	7.5	4.6	3.1	2.7	1.0	2.7	6.2	27
28	10.5	13.4	15.0	15.9	17.5	7.6	4.7	3.0	2.7	0.6	2.7	6.4	28
29	11.0	X	14.8	15.9	17.5	7.6	4.8	3.0	2.6	2.0	2.7	6.9	29
30	11.6	X	14.6	15.9	17.4	7.6	4.9	2.9	2.5	2.0	2.6	7.2	30
31	12.2	X	14.6	X	17.3	X	4.9	2.9	X	2.0	X	7.4	31
Sum	307.8	404.4	485.8	443.6	499.1	334.4	161.3	119.4	84.4	66.2	79.0	116.8	Year
Mean	9.9	14.4	15.7	14.8	16.1	11.1	5.2	3.9	2.8	2.1	2.6	3.8	8.6
High	12.2	16.2	17.0	15.9	17.5	17.2	7.8	5.0	3.4	2.6	3.0	7.4	17.5
Low	8.0	11.6	13.5	13.9	14.9	7.4	4.6	2.9	1.9	0.6	2.2	2.5	0.6

- = Highest - = Lowest  
Remarks:

# RIVER STAGES

*St. Francis* River Gauge at *Marked Tree* for the calendar year *1928*

Zero elevation *196.6* feet above *Msl.* Bank full = *17.0* feet.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	9.9	<u>9.2</u>	<u>8.0</u>	7.6	13.9	6.8	17.8	<u>11.3</u>	4.4	2.3	5.5	<u>5.6</u>	1
2	<u>10.0</u>	9.2	8.0	7.5	13.9	6.7	18.0	<u>10.6</u>	4.7	2.8	5.5	<u>5.9</u>	2
3	10.0	9.1	8.0	7.4	13.9	<u>6.5</u>	18.1	9.8	4.7	2.8	5.5	6.0	3
4	10.0	9.0	8.1	7.4	13.9	6.9	18.2	9.0	4.5	<u>1.7</u>	5.3	6.0	4
5	10.0	8.9	8.2	<u>7.2</u>	<u>14.0</u>	7.0	<u>18.3</u>	8.4	4.5	<u>3.0</u>	5.2	6.2	5
6	9.8	8.9	8.3	<u>8.2</u>	14.0	<u>8.0</u>	<u>18.3</u>	7.8	4.6	3.1	5.2	6.3	6
7	9.7	8.9	8.4	9.3	14.0	6.9	18.3	7.2	4.8	3.1	5.1	6.5	7
8	9.7	8.9	8.4	9.9	13.8	6.8	18.3	7.0	5.1	3.1	5.1	6.5	8
9	9.7	9.0	8.6	9.8	13.6	7.1	18.3	7.0	<u>5.2</u>	3.1	5.5	6.6	9
10	9.6	8.9	8.7	9.6	13.5	7.3	18.3	6.8	<u>4.9</u>	3.0	5.6	6.8	10
11	9.5	8.8	<u>8.8</u>	9.5	13.3	7.8	18.2	6.3	4.6	3.0	5.5	6.8	11
12	9.3	8.6	<u>8.8</u>	9.6	13.0	9.0	18.2	5.8	4.4	2.8	5.5	7.2	12
13	9.1	8.5	8.8	9.7	12.6	9.6	18.1	5.3	4.0	2.7	5.4	7.5	13
14	8.9	8.4	8.7	9.9	12.3	10.9	18.0	5.0	3.8	2.6	5.5	7.8	14
15	8.7	8.5	8.7	10.0	11.9	11.3	17.9	4.7	3.6	2.6	5.5	8.0	15
16	8.5	8.5	8.8	10.2	11.5	12.2	17.9	4.6	3.6	2.6	5.4	8.5	16
17	8.4	8.4	8.8	10.4	11.0	12.9	17.7	4.5	3.3	2.7	5.4	9.0	17
18	<u>8.3</u>	8.5	8.8	10.4	10.5	13.5	17.5	4.4	3.1	3.0	5.2	9.6	18
19	8.6	8.5	8.7	10.5	10.0	14.0	17.2	4.5	3.0	3.7	5.1	10.2	19
20	8.9	8.4	8.4	10.6	9.5	19.5	17.0	4.4	2.9	3.7	5.1	10.4	20
21	9.1	8.3	8.2	11.0	9.0	15.0	16.8	4.4	2.9	3.7	<u>5.9</u>	10.6	21
22	9.1	8.2	8.0	12.7	8.8	15.9	16.5	4.3	2.9	4.6	<u>5.9</u>	10.8	22
23	9.0	8.1	8.0	13.5	9.0	16.0	16.2	4.2	2.7	4.3	5.7	11.0	23
24	9.0	8.1	8.0	14.0	8.8	16.9	15.9	<u>4.1</u>	2.6	4.7	5.7	11.2	24
25	9.1	8.0	8.0	<u>14.2</u>	8.4	16.7	15.4	4.2	2.6	5.0	5.7	11.3	25
26	9.1	8.0	8.0	14.0	8.0	17.0	15.0	4.2	2.6	5.2	<u>4.8</u>	11.4	26
27	9.2	<u>7.9</u>	8.0	14.0	7.8	17.2	14.6	4.3	2.5	5.2	4.9	11.5	27
28	9.2	<u>7.9</u>	8.0	14.0	7.5	17.3	14.0	4.3	2.5	<u>5.9</u>	5.1	11.5	28
29	9.2	8.0	8.0	13.9	7.3	17.5	13.6	4.2	2.5	<u>5.9</u>	5.2	11.5	29
30	9.2	<del>x</del>	8.0	13.9	7.1	<u>17.7</u>	13.0	4.2	<u>2.4</u>	5.8	5.4	<u>11.6</u>	30
31	9.2	<del>x</del>	8.0	<del>x</del>	<u>7.0</u>	<del>x</del>	<u>12.2</u>	4.4	<del>x</del>	5.8	<del>x</del>	11.6	31
Sum	287.0	247.6	258.2	319.9	342.8	350.4	522.8	181.2	109.9	113.5	161.4	271.4	Year
Mean	9.3	8.5	8.3	10.7	10.1	11.7	16.9	5.8	3.7	3.7	5.4	8.8	—
High	10.0	9.2	8.8	14.2	14.0	17.7	<u>18.3</u>	11.3	5.2	5.9	5.9	11.6	18.3
Low	8.3	7.9	8.0	7.2	7.0	6.5	12.2	4.1	2.4	1.7	4.8	5.6	1.7

— = Highest — = Lowest  
Remarks:

# RIVER STAGES

*Parker's Aug 1909 says low steel on ~~the~~ bridge = 22.3 on gage. But is that the present gage?*

*St. Francis*

River Gauge at *Marked Tree Ark.*

for the calendar year 1927

Zero elevation *196.6* feet above *M&L*

Low steel of County bridge = *23.7* on gage. *Low steel on Ry bridge = 27.1 on gage*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.2	17.1	14.5	16.7	19.9	18.1	16.2	6.2	6.0	3.2	4.8	7.3	1
2	11.4	17.3	14.1	16.7	19.9	18.1	15.9	6.2	5.8	3.5	1.7	7.3	2
3	11.7	17.5	13.7	16.8	19.9	18.1	15.7	6.2	5.6	3.5	1.7	7.3	3
4	11.9	17.6	13.2	16.8	19.8	18.0	15.3	6.3	5.5	3.6	1.8	7.4	4
5	12.3	17.7	12.7	16.8	19.8	17.9	14.8	6.4	5.2	3.6	1.8	7.4	5
6	12.5	17.9	12.7	16.8	19.9	17.9	14.3	6.4	5.0	3.7	1.6	7.2	6
7	12.5	18.0	12.5	16.8	20.0	17.9	13.8	6.4	4.9	4.3	1.6	7.1	7
8	12.5	18.0	12.4	16.9	20.0	17.8	13.2	6.4	4.8	4.6	1.8	6.9	8
9	12.5	18.0	12.5	17.0	20.0	17.7	12.8	6.5	4.7	4.7	2.5	6.7	9
10	12.4	18.0	12.5	17.1	20.1	17.6	11.8	6.8	4.6	4.9	2.7	6.4	10
11	12.2	18.0	12.4	17.2	20.0	17.5	11.3	6.6	4.6	5.0	2.8	6.2	11
12	12.0	17.9	12.7	17.3	19.9	17.4	10.8	6.8	4.5	5.2	2.8	6.1	12
13	11.8	17.8	13.8	17.6	19.8	17.4	10.3	6.8	4.4	5.4	2.9	6.0	13
14	11.4	17.7	14.1	17.8	19.6	17.3	9.9	6.7	4.3	5.7	3.3	6.0	14
15	11.1	17.6	14.1	18.3	19.5	17.3	9.6	6.6	4.2	6.8	3.4	5.9	15
16	10.8	17.5	14.0	18.4	19.4	17.2	9.3	6.4	4.0	7.0	3.7	5.8	16
17	10.5	17.4	14.0	18.4	19.4	17.1	9.6	6.3	4.0	5.0	4.7	5.8	17
18	10.2	17.4	13.9	18.5	19.3	17.0	9.3	6.3	4.0	6.0	5.2	5.8	18
19	10.1	17.2	13.9	18.5	19.3	16.9	9.0	6.3	3.9	7.0	5.4	5.8	19
20	10.3	17.1	13.8	18.6	19.2	16.9	8.7	6.3	3.8	7.1	5.5	5.8	20
21	10.8	16.9	14.1	18.8	19.1	16.9	8.4	6.3	3.8	7.0	5.5	5.8	21
22	11.2	16.7	14.8	18.8	19.0	16.9	8.1	6.4	3.6	6.8	6.0	6.1	22
23	11.5	16.5	15.3	18.8	18.9	16.9	7.9	6.5	3.4	6.6	6.6	6.3	23
24	12.2	16.3	15.7	18.8	18.7	16.9	7.7	6.6	3.3	6.4	6.7	6.4	24
25	13.4	16.0	15.9	18.8	18.6	16.8	7.4	6.7	3.3	6.2	6.9	6.8	25
26	14.0	15.7	16.1	18.9	18.5	16.8	7.2	6.7	3.3	6.0	6.7	7.1	26
27	14.6	15.3	16.3	19.2	18.4	16.7	7.0	6.7	3.2	5.8	7.1	7.4	27
28	15.1	14.9	16.3	19.5	18.3	16.6	6.8	6.7	3.3	5.5	7.2	8.0	28
29	15.5	<del>14.9</del>	16.4	19.8	18.3	16.5	6.6	6.6	3.2	5.3	7.3	8.8	29
30	16.2	<del>14.9</del>	16.5	19.9	18.2	16.4	6.4	6.5	3.2	5.0	7.3	9.3	30
31	16.7	<del>14.9</del>	16.5	<del>19.9</del>	18.1	<del>16.4</del>	6.3	6.2	<del>3.2</del>	4.9	<del>7.3</del>	9.6	31
Sum	382.5	480.5	441.4	540.3	598.7	518.5	321.4	200.8	127.4	165.3	129.0	211.8	Year
Mean	12.3	17.2	14.2	18.0	19.3	17.3	10.4	6.5	4.2	5.3	4.3	6.8	—
High	16.7	18.0	16.5	19.9	20.1	18.1	16.2	6.8	6.0	7.1	7.3	9.6	20.1
Low	10.1	14.9	12.4	16.7	18.1	16.4	6.3	6.2	3.2	3.2	1.6	5.8	1.6

Remarks: *H.W Feb 1923 = 19.1*  
 — = Highest *Apr 1922 = 19.3*  
 — = Lowest *Feb 1916 = 18.9*  
*Mississippi levees broke* } *Apr 1913 = 25.1*  
                                   } *Apr 1912 = 24.2*  
                                   } *Jan 1907 = 19.8*  
                                   } *May 1927 = 20.1*

*Fifty-one (51) feet stage Helena gage puts backwater to "zero" on Marked Tree Gage.*

# RIVER STAGES

St. Francis River Gauge at Marked Tree for the calendar year 1926

Zero elevation 196.6 feet above M.C.L.

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	9.5	14.7	8.0	10.2	<u>9.1</u>	4.3	<u>3.1</u>	2.7	6.5	<u>3.1</u>	<u>3.2</u>	5.2	1
2	9.4	<u>14.8</u>	<u>7.5</u>	10.0	8.7	4.1	3.0	2.7	<u>6.6</u>	3.2	<u>3.2</u>	4.7	2
3	9.2	<u>14.8</u>	<u>8.1</u>	9.9	8.5	4.2	3.0	2.7	6.6	3.2	3.3	4.8	3
4	9.0	14.7	8.2	9.8	8.3	4.2	3.0	2.7	6.6	3.2	3.3	<u>4.5</u>	4
5	8.8	14.6	8.2	9.8	8.0	4.2	2.9	2.7	6.5	3.3	3.4	4.5	5
6	8.7	14.4	8.2	10.0	7.8	4.2	2.8	2.7	6.5	3.2	3.4	4.5	6
7	8.5	14.2	8.3	10.1	7.5	4.3	3.0	2.7	6.3	3.2	3.4	5.5	7
8	8.3	14.0	8.4	10.1	7.4	<u>4.4</u>	3.1	2.7	5.7	3.2	<u>3.4</u>	4.6	8
9	8.2	13.8	8.6	10.2	7.2	4.3	3.0	2.7	5.5	3.2	3.4	5.4	9
10	8.1	13.5	8.8	10.5	7.0	4.1	2.9	2.7	5.4	3.2	3.7	5.4	10
11	8.0	13.1	9.2	10.7	6.8	4.0	2.8	2.7	<del>5.2</del> <u>3.5</u>	<u>3.4</u>	3.7	5.6	11
12	7.9	12.8	11.0	10.8	6.6	4.0	2.8	2.7	4.9	3.3	3.7	5.7	12
13	7.7	12.6	12.0	10.9	6.6	3.9	2.7	2.5	4.9	3.3	3.4	5.7	13
14	7.5	12.3	12.8	11.0	6.3	3.9	2.7	2.4	4.8	3.3	3.4	5.9	14
15	7.5	12.1	13.2	11.0	5.3	3.9	2.7	2.4	4.6	3.2	4.0	6.0	15
16	<u>7.4</u>	11.8	13.4	11.0	5.1	3.9	2.6	2.2	4.4	3.2	4.1	5.8	16
17	7.5	11.3	<u>13.5</u>	<u>11.2</u>	5.1	3.8	2.6	3.1	4.3	3.2	4.4	5.8	17
18	7.7	11.2	<u>13.5</u>	<u>11.2</u>	5.1	3.8	2.6	3.3	<del>4.0</del> <u>3.5</u>	3.2	4.4	5.7	18
19	7.9	11.0	13.3	11.2	5.0	3.8	2.6	3.5	3.8	3.2	4.5	5.8	19
20	8.0	10.7	13.1	11.1	5.0	3.7	2.6	3.1	3.8	3.2	4.6	5.8	20
21	8.6	10.3	12.8	11.0	5.0	3.7	2.5	3.3	3.6	3.2	4.4	6.4	21
22	10.1	9.9	12.4	10.9	4.9	3.6	2.5	<u>2.0</u>	3.5	3.1	4.5	6.5	22
23	10.9	8.4	12.1	10.8	4.8	3.6	2.4	3.3	3.4	3.1	4.5	6.8	23
24	11.4	<u>7.9</u>	11.8	10.6	4.9	3.6	<u>2.3</u>	5.1	3.4	3.1	4.5	7.2	24
25	11.9	8.0	11.4	10.4	4.8	3.6	2.3	5.7	3.3	3.2	4.5	7.6	25
26	12.5	8.0	11.2	10.2	4.8	3.5	2.3	5.8	3.3	3.2	4.6	8.0	26
27	13.0	8.0	11.0	10.0	4.7	3.4	2.6	6.0	3.2	3.2	4.7	8.3	27
28	13.6	8.1	10.7	9.8	4.7	3.3	2.6	6.1	3.2	3.2	4.7	9.3	28
29	14.1	<del>x</del>	10.4	9.6	4.6	<u>3.2</u>	2.6	6.3	3.1	3.2	4.8	10.3	29
30	14.4	<del>x</del>	10.2	<u>9.4</u>	<u>4.5</u>	<u>3.2</u>	2.6	6.4	3.2	3.2	<u>5.0</u>	10.9	30
31	<u>14.6</u>	<del>x</del>	10.3	<del>x</del>	<u>4.5</u>	<del>x</del>	2.7	<u>6.5</u>	<del>x</del>	3.2	<del>x</del>	<u>11.3</u>	31
Sum	299.9	331.0	331.6	313.4	188.6	115.7	83.9	111.4	135.9	99.4	119.6	199.5	Year
Mean	9.7	11.8	10.7	10.5	6.1	3.9	2.7	3.6	4.5	3.2	4.0	6.4	—
High	14.6	<u>14.8</u>	13.5	11.2	9.1	4.4	3.1	6.5	6.6	3.4	5.0	11.3	14.8
Low	7.4	7.9	7.5	9.4	4.5	3.2	2.3	<u>2.0</u>	<del>2.5</del>	3.1	3.2	4.5	2.0

Remarks: Flood stage 17.0  
 — = Highest — = Lowest

# RIVER STAGES

St. Francis River Gauge at Marked Tree for the calendar year 1925

Zero elevation 196.6 feet above M<sup>S</sup>&L

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	5.2	<u>5.4</u>	11.8	<u>10.7</u>	6.5	4.0	<u>4.4</u>	<u>2.0</u>	0.9	<u>3.8</u>	15.2	<u>16.1</u>	1
2	5.2	<u>5.7</u>	<u>12.0</u>	<u>10.6</u>	6.6	3.9	4.2	2.0	0.9	4.0	15.4	<u>16.0</u>	2
3	<u>5.3</u>	5.9	12.0	10.4	6.7	3.8	3.7	2.0	0.8	4.2	15.6	16.0	3
4	<u>5.4</u>	6.0	12.0	10.3	<u>6.8</u>	3.7	3.7	1.9	0.9	4.6	15.7	16.0	4
5	<u>5.4</u>	6.0	11.9	10.2	6.7	3.6	3.5	1.6	0.9	4.6	15.9	15.9	5
6	5.4	6.0	11.8	10.2	6.5	3.5	3.0	1.7	0.9	4.7	16.0	15.8	6
7	5.4	6.0	11.8	10.1	6.3	3.4	3.3	1.7	0.9	5.0	16.1	15.7	7
8	5.3	5.9	11.7	10.0	6.1	3.4	3.0	1.6	0.8	5.6	<u>16.2</u>	15.6	8
9	5.4	6.0	11.6	10.0	5.9	2.9	3.0	1.7	0.8	6.3	16.2	15.4	9
10	5.4	6.0	11.4	10.0	5.8	3.3	3.0	1.8	0.9	6.9	16.1	15.2	10
11	5.4	6.0	11.0	10.2	6.2	3.2	2.9	1.7	0.7	7.5	16.1	15.0	11
12	5.4	6.0	10.7	10.2	6.3	<u>2.8</u>	2.9	1.8	0.9	7.9	16.0	14.8	12
13	5.4	6.1	10.5	10.0	6.3	<u>2.9</u>	2.7	1.7	0.9	8.4	15.9	14.6	13
14	5.4	6.1	10.3	9.7	6.3	2.9	2.6	1.7	1.0	8.7	15.8	14.4	14
15	5.3	6.2	10.0	9.3	5.9	2.8	2.5	1.7	1.7	9.0	15.7	14.1	15
16	5.3	6.3	9.8	8.8	5.8	2.9	2.4	1.6	2.3	9.2	15.6	13.9	16
17	5.3	6.5	9.6	8.4	5.6	3.2	2.3	1.5	2.4	9.7	15.5	13.5	17
18	5.3	6.6	9.5	8.0	5.5	3.5	2.4	1.5	2.6	10.0	15.4	13.3	18
19	5.3	6.6	9.5	7.6	5.4	3.8	2.4	1.5	2.9	10.2	15.4	13.0	19
20	5.3	6.7	9.5	7.3	5.2	4.0	2.2	1.5	2.9	10.5	15.2	12.9	20
21	5.3	6.9	9.5	7.1	5.0	4.2	<u>1.9</u>	1.6	2.9	10.8	<u>15.1</u>	12.7	21
22	5.1	7.3	<u>9.4</u>	6.9	4.9	4.2	2.1	1.5	2.8	11.0	15.1	12.4	22
23	5.1	8.3	<u>9.6</u>	6.8	4.8	4.1	2.3	1.5	2.7	11.4	15.2	12.4	23
24	5.1	9.3	9.8	6.5	4.8	4.0	2.7	1.5	2.6	11.9	15.4	12.3	24
25	5.1	9.9	10.1	6.4	4.7	3.9	2.5	1.6	2.5	12.4	15.5	12.1	25
26	<u>5.0</u>	10.5	10.3	6.3	4.6	3.8	2.4	1.6	2.6	12.9	15.7	11.8	26
27	5.1	11.1	10.6	<u>6.2</u>	4.4	4.2	2.4	1.5	2.9	13.4	16.0	11.6	27
28	5.0	<u>11.5</u>	10.8	<u>6.2</u>	4.2	4.2	2.3	1.3	3.4	13.8	16.1	11.2	28
29	5.0	<del>x</del>	10.9	6.3	4.1	4.3	2.2	1.1	3.4	14.2	16.2	10.8	29
30	5.1	<del>x</del>	10.9	6.4	<u>4.0</u>	<u>4.4</u>	2.1	<u>1.0</u>	3.7	14.6	16.2	10.3	30
31	5.2	<del>x</del>	10.8	<del>x</del>	<u>4.1</u>	<del>x</del>	2.2	<u>1.0</u>	<del>x</del>	14.9	<del>x</del>	9.9	31
.Sum	162.9	196.8	331.1	257.1	172.0	108.8	85.2	49.4	56.5	282.1	471.5	424.7	Year
Mean	5.3	7.0	10.7	8.6	5.5	3.6	2.7	1.6	1.9	9.1	15.7	13.7	—
High	5.4	11.5	12.0	10.7	6.8	4.4	4.4	2.0	3.7	14.9	<u>16.2</u>	16.1	16.2
Low	5.0	5.4	9.4	6.2	4.0	2.8	1.9	1.0	0.7	3.8	15.1	9.9	0.7

— = Highest — = Lowest  
Remarks:

# RIVER STAGES

St. Francis River Gauge at Marked Tree for the calendar year 1924

Zero elevation 196.6 feet above M. <sup>S.</sup> ~~S.L.~~ (Weather Bureau)

*See Back of 1918 sheet for B.M's.*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	17.4	13.0	10.4	8.9	8.1	9.7	8.1	6.7	3.6	2.9	2.0	2.8	1
2	17.4	12.8	10.5	8.9	8.1	10.0	7.8	6.7	3.8	2.9	2.0	2.8	2
3	17.4	12.4	10.6	8.9	8.1	10.4	7.5	6.8	3.8	3.0	2.0	2.8	3
4	17.3	12.0	10.8	8.9	8.2	10.6	7.2	6.9	3.7	3.0	2.0	2.7	4
5	17.1	11.8	10.8	8.9	8.5	10.8	6.9	7.0	3.6	3.1	2.0	2.8	5
6	16.9	11.5	10.8	8.9	8.9	10.9	6.6	7.1	3.5	3.2	2.0	2.8	6
7	16.6	11.2	10.7	8.9	9.2	10.9	6.5	7.1	3.5	3.2	2.0	2.9	7
8	16.4	11.0	10.5	8.8	9.5	10.9	6.3	7.1	3.5	3.2	2.0	3.6	8
9	16.0	10.7	10.3	8.7	9.5	10.9	6.1	7.0	3.4	3.2	2.0	4.0	9
10	15.8	10.5	10.1	8.7	9.4	11.0	6.0	6.8	3.3	3.0	2.0	4.3	10
11	15.7	10.4	9.9	8.7	9.2	11.1	5.9	6.6	3.2	2.9	2.0	4.7	11
12	15.5	10.2	9.6	8.7	9.1	11.2	5.7	6.7	3.1	2.8	2.0	5.2	12
13	15.3	10.2	9.3	8.6	9.0	11.2	5.5	6.7	3.1	2.7	2.4	5.7	13
14	15.0	10.1	9.1	8.7	9.0	11.2	5.3	6.8	3.1	2.6	2.4	6.2	14
15	14.7	9.9	8.9	8.7	8.9	11.2	5.2	7.1	3.0	2.5	2.5	6.4	15
16	14.8	10.0	8.8	8.8	8.8	11.1	5.1	7.6	3.0	2.5	2.7	6.6	16
17	14.8	10.0	8.6	8.8	8.6	11.0	5.0	7.9	2.9	2.4	2.8	6.6	17
18	14.8	10.2	8.5	8.7	8.3	10.8	5.0	8.0	2.7	2.4	2.9	6.5	18
19	14.7	10.4	8.3	8.6	8.1	10.4	5.0	7.9	2.8	2.4	3.0	6.5	19
20	14.5	10.6	8.4	8.4	7.8	10.2	5.0	7.5	2.9	2.3	3.1	6.4	20
21	14.4	10.8	8.5	8.3	7.6	9.8	4.8	6.9	2.8	2.3	3.1	6.2	21
22	14.4	10.9	8.6	8.0	7.5	9.3	4.8	6.2	3.0	2.2	3.2	6.0	22
23	14.3	10.9	8.6	7.8	7.3	8.8	4.9	5.6	2.9	2.1	3.2	5.9	23
24	14.3	10.8	8.5	7.7	7.3	8.4	5.4	5.0	2.9	2.1	3.2	5.9	24
25	14.3	10.7	8.5	7.6	7.4	8.2	5.8	4.7	2.9	2.1	3.2	5.8	25
26	14.3	10.6	8.6	7.6	7.5	8.1	6.1	4.5	3.0	2.0	3.2	5.6	26
27	14.1	10.6	8.7	7.5	7.9	8.2	6.4	4.3	3.0	2.0	3.1	5.4	27
28	13.9	10.5	8.8	7.4	8.3	8.2	6.5	4.2	2.9	2.0	3.0	5.2	28
29	13.7	10.4	8.9	7.4	8.7	8.4	6.6	4.0	2.9	2.0	2.9	4.8	29
30	13.5	<del>x</del>	8.9	7.8	9.0	8.4	6.6	3.9	2.8	2.0	2.9	5.2	30
31	13.3	<del>x</del>	8.9	<del>x</del>	9.4	<del>x</del>	6.7	3.8	<del>x</del>	2.0	<del>x</del>	5.2	31
Sum	472.6	315.1	290.4	252.3	262.2	301.3	186.3	195.1	94.6	79.0	76.8	153.5	Year
Mean	15.2	10.9	9.4	8.4	8.5	10.0	6.0	6.3	3.2	2.5	2.6	5.0	—
High	17.4	13.0	10.8	8.9	9.5	11.2	8.1	8.0	3.8	3.2	3.2	6.6	17.4
Low	13.3	9.9	8.3	7.4	7.3	8.1	4.8	3.8	2.7	2.0	2.0	2.7	2.0

— = Highest — = Lowest  
Remarks:

# RIVER STAGES

## Weather Bureau Gauge

St. Francis

River Gauge at Marked Tree

for the calendar year 1923

Zero elevation 196.6 feet above M.G.L. (From Weather Bureau)

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	<u>60</u>	<u>156</u>	180	<u>186</u>	140	<u>191</u>	<u>126</u>	<u>52</u>	<u>36</u>	50	57	<u>66</u>	1
2	61	<u>161</u>	179	<u>186</u>	136	190	122	<u>52</u>	37	47	<u>56</u>	<u>69</u>	2
3	<u>62</u>	167	176	<u>186</u>	134	189	118	<u>52</u>	40	45	<u>56</u>	71	3
4	<u>62</u>	171	173	<u>185</u>	131	187	113	51	41	45	60	76	4
5	<u>63</u>	177	171	<u>185</u>	131	185	109	49	48	43	61	79	5
6	<u>64</u>	182	171	<u>185</u>	130	184	104	47	57	43	62	81	6
7	<u>67</u>	184	170	<u>183</u>	<u>129</u>	182	99	45	<u>70</u>	41	64	82	7
8	<u>69</u>	185	168	<u>183</u>	<u>129</u>	180	93	44	<u>70</u>	40	65	82	8
9	<u>70</u>	186	166	<u>181</u>	<u>129</u>	177	88	43	69	39	67	81	9
10	<u>72</u>	188	<u>164</u>	180	130	179	83	44	69	39	70	81	10
11	<u>72</u>	188	164	178	131	180	78	44	67	37	72	87	11
12	<u>73</u>	189	165	175	134	179	75	44	65	36	73	90	12
13	<u>74</u>	190	165	175	136	178	72	45	63	36	<u>74</u>	96	13
14	82	190	164	174	139	176	70	44	60	37	<u>74</u>	104	14
15	87	191	164	172	148	175	67	43	58	36	72	111	15
16	90	<u>192</u>	166	170	157	175	68	43	56	<u>35</u>	70	118	16
17	91	<u>192</u>	167	169	162	174	68	43	54	46	68	123	17
18	92	192	169	166	169	172	72	38	52	48	<u>67</u>	130	18
19	93	192	172	165	175	171	72	37	52	50	66	135	19
20	93	191	174	162	180	168	72	36	54	50	66	140	20
21	98	190	175	161	185	165	70	<u>34</u>	53	51	65	146	21
22	103	189	176	159	186	162	68	37	52	53	65	154	22
23	104	188	178	156	188	159	64	43	52	55	65	158	23
24	105	186	180	156	190	155	62	43	53	57	62	161	24
25	108	185	181	153	190	150	59	41	56	59	63	164	25
26	112	185	183	150	190	147	57	40	57	<u>60</u>	63	166	26
27	118	184	183	147	190	142	55	39	56	60	63	168	27
28	128	182	185	145	<u>191</u>	138	<u>53</u>	39	55	60	62	170	28
29	135	<del>x</del>	185	144	191	134	54	31	54	60	63	171	29
30	142	<del>x</del>	<u>186</u>	<u>141</u>	191	<u>130</u>	54	37	53	59	66	172	30
31	<u>150</u>	<del>x</del>	<u>186</u>	<del>x</del>	191	<del>x</del>	53	35	<del>x</del>	58	<del>x</del>	<u>173</u>	31
Sum	280.0	515.3	538.6	505.8	493.3	507.4	241.8	132.1	165.9	147.5	195.6	370.5	Year
Mean	9.0	18.4	17.4	16.9	15.9	16.9	7.8	4.3	5.5	4.8	6.5	12.0	—
High	150	<u>192</u>	186	186	191	191	126	52	70	60	74	173	19.2
Low	60	156	164	141	129	130	53	34	35	35	5.7	6.6	3.4

Remarks: (19.1 on gage = 215.7 M. G. L.)

— = Highest — = Lowest

# RIVER STAGES

## Weather Bureau Gage

St. Francis

River Gauge at Marked Tree, Ark.

for the calendar year 1922

196.58

Zero elevation

196.6

feet above M.S.L.

*Copied from Weather Bureau Memphis, Tenn.*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.7	9.7	<u>11.6</u>	18.5	<u>17.2</u>	<u>8.6</u>	<u>3.2</u>	<u>3.1</u>	2.8	<u>1.9</u>	<u>1.5</u>	<u>3.3</u>	1
2	11.7	9.7	11.8	18.6	17.0	8.1	3.2	3.0	3.4	1.8	1.5	3.6	2
3	11.8	9.6	11.9	18.7	17.0	7.7	3.3	2.9	3.6	1.7	1.6	4.0	3
4	11.8	9.5	12.0	18.8	16.9	7.3	3.5	2.9	3.6	1.7	1.5	4.1	4
5	11.9	<u>9.4</u>	12.1	18.9	16.8	7.0	3.6	2.7	3.6	1.7	1.5	4.2	5
6	11.9	9.4	12.3	18.9	16.7	6.8	3.8	2.5	3.6	1.7	1.6	4.4	6
7	12.0	9.6	12.4	18.9	16.6	6.6	4.0	2.4	3.8	1.8	1.8	4.6	7
8	12.0	9.7	12.5	18.9	16.5	6.4	4.6	2.3	4.2	1.8	1.8	4.9	8
9	12.1	9.7	13.2	18.9	16.3	6.3	5.2	2.2	4.4	1.8	1.8	5.1	9
10	12.4	9.9	13.5	18.9	16.0	6.1	<u>5.4</u>	2.1	4.5	1.8	1.9	5.4	10
11	<u>12.6</u>	10.1	13.7	19.0	15.7	6.0	<u>5.3</u>	2.0	4.8	1.9	2.0	5.8	11
12	<u>12.6</u>	10.2	13.8	19.0	15.5	5.9	5.0	2.0	<u>5.0</u>	1.9	2.0	6.3	12
13	12.5	10.4	13.9	19.1	15.2	5.7	5.0	1.9	4.7	1.9	2.0	6.5	13
14	12.3	10.6	14.4	19.2	14.9	5.5	4.9	<u>1.8</u>	4.5	1.8	2.2	7.0	14
15	12.2	10.8	14.7	<u>19.3</u>	14.6	5.3	4.9	1.9	4.0	1.8	2.5	7.6	15
16	12.1	10.9	14.8	19.3	14.4	5.1	4.9	1.8	3.5	1.8	2.5	<u>7.7</u>	16
17	12.0	11.0	14.8	19.3	14.1	5.0	4.8	1.8	3.0	1.7	2.6	7.7	17
18	11.9	11.1	15.0	19.2	13.8	4.8	4.7	1.8	2.7	1.7	2.7	7.5	18
19	11.8	11.2	15.5	19.1	13.3	4.7	4.4	1.8	2.4	1.7	3.0	7.4	19
20	11.8	<u>11.3</u>	15.9	18.9	13.1	4.5	4.3	1.8	2.5	1.6	3.0	7.0	20
21	11.6	11.2	16.1	18.8	12.8	4.4	4.3	1.8	2.5	1.6	3.0	6.5	21
22	11.4	11.2	16.3	18.6	12.4	4.4	4.1	1.8	2.4	1.5	3.0	6.3	22
23	11.2	11.1	16.4	18.5	12.3	4.2	4.0	3.1	2.4	1.4	3.1	6.0	23
24	11.1	11.0	16.5	18.3	12.0	4.0	3.9	2.8	2.3	1.3	3.2	5.9	24
25	11.0	10.9	16.6	18.2	11.8	3.8	4.0	2.7	2.3	1.3	<u>3.3</u>	5.8	25
26	10.8	10.8	16.7	18.0	11.4	3.7	3.9	2.6	2.3	<u>1.2</u>	3.3	5.5	26
27	10.6	10.8	16.9	17.9	11.0	3.5	3.6	2.6	2.3	1.2	3.3	5.6	27
28	10.4	11.2	17.0	17.8	10.6	3.4	3.5	2.7	2.2	1.3	3.3	5.8	28
29	10.3	<del>X</del>	17.1	17.6	10.0	<u>3.3</u>	3.4	2.8	2.2	1.3	3.3	6.0	29
30	10.1	<del>X</del>	17.6	17.4	9.6	<u>3.3</u>	3.3	2.8	1.9	1.4	3.3	5.8	30
31	<u>9.8</u>	<del>X</del>	18.1	<del>X</del>	<u>9.2</u>	<del>X</del>	3.2	2.8	<del>X</del>	1.4	<del>X</del>	5.9	31
Sum	359.4	292.0	455.1	560.5	434.7	161.4	129.2	73.2	97.4	50.4	73.1	179.2	Year
Mean	11.6	10.4	14.7	18.7	14.0	5.4	4.2	2.4	3.2	1.6	2.4	5.8	—
High	12.6	11.3	18.1	<u>19.3</u>	17.2	8.6	5.4	3.1	5.0	1.9	3.3	7.7	19.3
Low	9.8	9.4	11.6	17.4	9.2	3.3	3.2	1.8	1.9	1.2	1.5	3.3	1.2

Remarks: — = Highest — = Lowest

# RIVER STAGES

*St. Francis* <sup>W.B.</sup> River Gauge at *Marked Tree Ark.* for the calendar year *1921*

Zero elevation *196.7* feet above *M.S.L.*

*Weather Bureau Gage*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	11.4	8.9	14.7	<u>16.2</u>	17.0	<u>13.8</u>	<u>6.1</u>	2.6	2.0	<u>2.3</u>	2.2	<u>10.4</u>	1
2	11.7	8.8	14.6	16.3	16.9	13.5	5.8	2.5	2.0	2.6	2.2	10.9	2
3	12.0	8.6	14.5	16.4	16.9	13.2	5.5	2.8	1.9	2.7	2.1	11.6	3
4	12.5	8.4	14.4	16.5	16.9	12.9	5.2	2.8	1.9	2.6	2.1	12.3	4
5	12.8	<u>8.2</u>	14.4	16.5	16.8	12.3	5.1	2.9	1.8	2.6	2.0	13.1	5
6	13.1	8.5	14.2	16.6	16.8	11.8	4.9	3.2	1.8	2.9	2.1	13.8	6
7	13.3	9.2	14.2	16.8	16.7	11.4	4.8	3.4	1.7	2.9	<u>1.9</u>	14.4	7
8	13.5	10.3	14.0	16.9	16.7	10.9	4.7	3.5	1.7	3.0	1.9	14.8	8
9	<u>13.6</u>	11.1	<u>13.8</u>	16.9	16.7	10.4	4.6	3.5	<u>1.6</u>	3.1	2.0	15.0	9
10	13.5	11.7	13.9	16.9	16.9	9.8	4.4	3.4	1.7	3.2	2.0	<u>15.1</u>	10
11	13.5	12.2	13.8	16.9	17.1	9.4	4.3	3.5	1.8	3.2	2.0	15.1	11
12	13.4	12.8	14.0	16.8	<u>17.2</u>	8.8	4.1	<u>3.6</u>	1.9	3.2	2.0	15.1	12
13	13.3	13.4	14.1	17.0	17.2	8.3	3.9	3.5	2.0	3.2	2.1	15.0	13
14	13.1	13.9	14.1	17.1	17.2	8.0	3.8	3.5	2.1	<u>3.3</u>	2.0	14.8	14
15	13.0	14.3	14.0	<u>17.4</u>	17.2	8.0	3.7	3.5	2.1	3.2	2.0	14.6	15
16	12.9	14.6	13.8	17.3	17.1	8.0	3.6	3.5	2.1	3.2	2.2	14.4	16
17	12.7	14.8	13.8	17.3	16.9	7.8	3.5	3.4	2.1	3.1	2.3	14.1	17
18	12.5	14.9	13.9	17.4	16.7	7.6	3.4	3.4	2.1	3.1	3.4	13.8	18
19	12.0	15.0	14.0	17.2	16.6	7.5	3.4	3.3	2.1	3.0	4.0	13.5	19
20	11.8	15.1	14.0	<u>17.5</u>	16.4	7.1	3.5	3.0	2.0	3.0	4.1	13.3	20
21	11.5	15.1	13.9	17.2	16.2	6.8	3.4	2.9	2.1	2.9	4.4	12.9	21
22	11.3	15.2	14.0	17.1	15.9	6.6	3.3	2.8	2.1	2.9	5.3	12.6	22
23	11.0	15.3	14.4	17.0	15.7	6.5	3.2	2.7	2.1	2.8	6.4	12.4	23
24	10.8	<u>15.4</u>	14.8	17.1	15.5	<u>6.4</u>	3.1	2.6	2.1	2.7	7.5	12.2	24
25	10.5	15.4	14.9	17.4	15.3	6.5	3.0	2.5	2.2	2.6	8.2	12.0	25
26	10.3	15.2	15.2	17.1	15.0	6.5	3.0	2.4	2.2	2.5	8.7	11.9	26
27	9.9	15.0	15.3	17.0	14.9	6.4	2.9	2.4	2.2	2.5	9.1	11.6	27
28	9.7	14.9	15.4	16.9	14.7	6.6	2.8	2.2	<u>2.3</u>	2.4	9.4	11.5	28
29	9.5	<del>*</del>	15.6	16.9	14.5	6.6	2.7	2.1	2.3	2.4	9.6	11.5	29
30	9.4	<del>*</del>	15.8	16.9	14.2	6.4	2.7	2.1	2.3	2.3	<u>10.0</u>	11.6	30
31	<u>9.0</u>	<del>*</del>	15.9	<del>*</del>	<u>14.0</u>	<del>*</del>	<u>2.6</u>	2.0	<del>*</del>	2.3	<del>*</del>	11.6	31
Sum	368.5	356.2	447.4	508.4	503.7	265.8	121.0	91.5	60.3	87.7	125.2	406.9	Year
Mean	11.9	12.7	14.4	16.9	16.2	8.9	3.9	3.0	2.0	2.8	4.2	13.1	—
High	13.6	15.4	15.9	<u>17.4<sup>s</sup></u>	17.2	13.8	6.1	3.6	2.3	3.3	10.0	15.1	17.4
Low	9.0	8.2	13.8	16.2	14.0	6.4	2.6	2.0	1.6	2.3	1.9	10.4	1.6

— = Highest — = lowest  
Remarks:



# RIVER STAGES

*St. Francis* River Gauge at *Marked Tree Ark.* for the calendar year *1919*

Zero elevation \_\_\_\_\_ feet above \_\_\_\_\_

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	14.7	13.6	10.4	17.1	11.7	13.8	12.9	4.9	1.8	1.7	8.8	17.1	1
2	15.7	13.5	10.3	17.1	11.4	13.6	12.9	4.6	1.8	1.8	9.5	17.1	2
3	16.2	13.4	10.3	17.1	11.4	13.5	12.9	4.9	1.7	1.8	9.9	17.2	3
4	16.7	13.2	10.2	17.1	11.4	13.4	12.9	4.8	1.8	1.9	10.2	17.2	4
5	16.9	13.9	10.3	17.1	11.4	13.5	12.9	4.5	1.7	1.9	10.2	17.1	5
6	17.0	13.7	10.9	17.1	11.1	13.5	12.9	4.2	1.7	1.9	10.0	17.2	6
7	17.1	13.4	11.3	17.0	10.9	13.4	13.0	3.9	1.6	2.0	10.0	17.2	7
8	17.2	13.4	11.3	17.0	11.0	13.1	13.0	3.8	1.7	2.1	10.0	17.2	8
9	17.2	13.3	11.6	17.0	11.4	13.0	13.0	3.6	1.7	2.2	10.2	17.2	9
10	17.1	12.1	11.9	17.0	11.9	12.9	13.0	3.4	1.5	2.4	10.9	17.2	10
11	17.0	12.0	12.0	16.8	12.0	13.0	12.8	3.0	1.4	2.5	12.0	17.2	11
12	17.0	11.9	12.3	16.7	12.2	13.0	12.6	2.8	1.3	2.6	12.5	17.1	12
13	16.9	11.8	12.4	16.5	12.3	13.2	12.8	2.8	1.3	2.7	12.7	17.1	13
14	16.8	11.8	12.5	16.4	12.3	13.2	12.0	2.8	1.3	2.8	13.0	17.4	14
15	16.8	11.8	12.6	16.1	12.4	13.4	11.7	2.7	1.3	3.1	13.4	17.6	15
16	16.7	11.7	12.6	15.9	12.4	13.4	11.4	2.9	1.3	3.5	13.7	17.6	16
17	16.7	11.5	14.1	15.6	12.5	13.4	11.0	2.8	1.2	4.0	14.0	17.6	17
18	16.6	11.2	14.9	15.4	12.6	13.3	10.5	2.7	1.1	4.4	14.2	17.6	18
19	16.5	11.0	15.3	15.1	12.7	13.2	10.0	2.6	1.0	5.4	14.4	17.6	19
20	16.5	10.9	15.5	14.8	12.8	13.2	9.5	2.5	1.0	5.9	14.7	17.6	20
21	16.2	10.9	15.8	14.4	12.8	13.2	9.0	2.4	1.1	6.2	14.9	17.6	21
22	15.1	10.9	16.1	14.0	12.9	13.3	8.5	2.3	1.3	6.6	15.0	17.5	22
23	15.0	10.7	16.3	13.7	12.9	13.4	7.9	2.3	1.4	7.1	15.1	17.4	23
24	15.1	10.7	16.4	13.4	13.0	13.4	7.5	2.2	1.4	7.7	15.2	17.3	24
25	15.0	10.7	16.4	13.0	13.0	13.4	7.0	2.0	1.5	8.3	15.3	17.2	25
26	14.9	10.6	16.6	12.7	13.1	13.3	6.6	2.0	1.6	8.6	15.8	17.1	26
27	14.7	10.6	16.8	12.4	13.1	13.2	6.3	1.9	1.6	8.7	16.4	17.0	27
28	14.6	10.5	16.9	12.2	13.2	13.1	6.0	1.8	1.7	8.8	16.5	16.9	28
29	14.0	*	16.9	11.9	13.6	13.0	5.7	1.7	1.7	8.9	16.9	16.6	29
30	13.9	*	17.0	11.7	13.8	12.9	5.4	1.7	1.8	8.8	17.1	16.5	30
31	13.8	*	17.0	*	13.8	*	5.0	1.8	*	8.8	*	16.2	31
Sum	494.6	334.7	424.9	459.3	383.0	398.2	318.1	92.3	44.3	145.6	392.5	533.4	Year
Mean	16.0	12.0	13.7	15.3	12.4	13.3	10.3	3.0	1.5	4.7	13.1	17.2	—
High	17.2	13.9	17.0	17.1	13.8	13.8	13.0	4.9	1.8	8.9	17.1	17.6	17.6
Low	13.8	10.5	10.2	11.7	10.9	12.9	5.0	1.7	1.0	1.7	8.8	16.2	1.0

— = Highest — \* = Lowest  
Remarks:

# RIVER STAGES

*St Francis* River Gauge at *Marked Tree Ave* *Weather Bureau* for the calendar year *1918*

Zero elevation *196.57* feet above *mean sea level*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	4.4	9.2	14.3	8.9	<u>13.3</u>	<u>16.6</u>	<u>10.4</u>	3.1	<u>2.1</u>	3.7	<u>3.6</u>	5.9
2	4.5	9.2	14.4	8.8	<u>13.4</u>	<u>16.6</u>	9.8	3.1	2.5	4.0	3.6	5.9
3	4.2	9.1	14.6	8.7	13.4	14.6	9.3	3.0	2.6	4.2	4.1	5.8
4	4.0	<u>9.0</u>	14.7	8.6	13.5	14.4	8.9	2.9	2.8	4.5	4.5	5.6
5	<u>3.9</u>	9.1	<u>14.8</u>	8.6	13.6	14.6	8.5	2.8	2.9	4.8	4.6	5.6
6	<u>3.9</u>	9.2	14.8	<u>8.5</u>	13.8	14.6	8.1	2.7	2.9	<u>4.9</u>	4.6	5.6
7	4.0	9.4	14.7	8.7	13.8	14.6	7.8	2.6	2.9	4.7	4.5	5.5
8	4.2	9.6	14.6	8.8	14.3	16.6	7.4	2.5	3.0	4.5	4.5	5.5
9	4.4	9.8	14.4	8.7	14.8	16.6	7.0	2.4	3.1	4.1	4.5	5.5
10	4.3	10.1	14.2	8.6	15.2	16.6	6.7	2.3	3.4	3.8	4.5	5.4
11	4.1	10.3	13.9	8.6	15.4	16.5	6.4	2.2	3.6	3.6	4.5	<u>5.3</u>
12	4.2	10.4	13.6	8.6	15.6	16.5	6.1	2.1	3.6	3.5	4.7	5.6
13	4.5	10.7	13.3	8.6	15.7	16.4	5.9	1.9	3.6	3.4	5.0	5.9
14	4.8	11.0	13.0	8.6	15.8	16.2	5.7	1.9	3.5	3.4	5.6	6.7
15	4.9	11.4	12.7	8.5	15.9	16.1	5.4	1.8	3.4	3.3	6.3	7.1
16	5.2	11.7	12.4	8.9	16.0	15.9	5.0	1.7	3.3	3.2	6.7	7.4
17	5.4	11.9	12.0	10.0	16.2	15.7	5.0	1.6	3.2	3.1	7.2	8.0
18	5.8	12.0	11.7	10.8	16.2	15.4	5.3	1.5	3.0	3.0	7.5	8.2
19	5.8	12.1	11.4	11.3	14.3	15.0	4.4	1.5	3.1	3.0	<u>7.6</u>	9.3
20	5.9	12.3	11.0	11.8	16.4	14.8	4.6	1.5	3.5	3.0	7.5	9.5
21	5.9	12.5	10.8	12.4	16.4	14.4	6.1	1.5	3.6	2.9	7.5	10.2
22	5.9	12.8	10.8	12.7	14.5	14.0	6.0	<u>1.4</u>	3.5	2.9	7.0	10.7
23	6.0	13.1	10.3	13.1	<u>16.6</u>	13.5	5.6	1.4	3.4	2.9	6.9	10.6
24	6.0	13.4	10.1	13.3	16.6	13.0	5.0	1.4	3.4	3.1	6.5	10.5
25	6.1	13.7	10.0	13.4	16.5	12.6	4.6	1.4	3.3	3.0	6.1	11.5
26	6.3	13.9	9.9	13.4	16.5	12.2	4.0	1.6	3.4	2.9	6.0	11.7
27	7.3	14.0	9.7	13.4	16.6	11.9	4.0	1.8	3.6	3.3	5.9	11.9
28	8.0	<u>14.2</u>	9.5	<u>13.5</u>	16.5	11.6	3.8	1.8	<u>3.7</u>	3.4	6.0	12.1
29	8.6	<del>x</del>	9.3	<u>13.4</u>	16.6	11.2	<u>3.4</u>	1.7	<u>3.6</u>	3.4	6.0	12.5
30	9.0	<del>x</del>	9.1	<u>13.4</u>	16.6	10.7	3.5	1.7	3.7	3.5	5.9	12.7
31	9.2	<del>x</del>	9.0	<del>x</del>	16.6	<del>x</del>	3.4	2.1	<del>x</del>	3.6	<del>x</del>	<u>13.5</u>
High	9.2	14.2	14.8	13.5	<u>16.6</u>	<u>16.6</u>	10.4	3.1	3.7	4.9	7.6	13.5
Low	3.9	9.0	9.0	8.5	13.3	10.7	3.4	<u>1.4</u>	2.1	2.9	3.6	5.3
Mean	5.5	11.3	12.2	10.5	15.5	15.0	6.2	2.0	3.2	3.6	5.6	8.3
Sum	170.7	315.1	378.7	314.6	480.5	449.6	191.1	62.9	97.2	110.6	169.4	256.2

Remarks: *H.W. Feb. 1916 = 18.9*  
~~—~~ = Highest on *Oct 7 1915 = 13.3* (the rise reached marked tree Sept 23<sup>d</sup> 1915)  
~~—~~ = Lowest

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

APR 16 1918  
LITTLE ROCK

River System. St. Francis River.

Marked Tree Ark. 1917 Elevation 196.7

	January	February	March	April	May	June	July	August	September	October	November	December	above Gulf
1	7.4	15.5	12.2	14.5	17.0	13.1	12.9	7.7	4.2	2.9	1.8	1.9	Highest stage for the year, <u>17.3</u> (date) <u>Apr 19-24</u>
2	7.9	15.5	12.4	14.7	16.8	13.1	12.4	7.4	4.2	2.8	1.8	1.9	
3	8.2	15.5	12.8	14.9	16.7	13.0	11.9	7.0	4.3	2.6	1.8	2.0	Lowest stage for the year, <u>1.6</u> (date) <u>Oct 22-27</u>
4	8.4	15.5	13.0	15.0	16.7	12.9	11.7	6.7	4.4	2.5	1.7	2.0	
5	8.5	15.4	13.3	15.2	16.6	12.6	11.4	6.3	4.6	2.3	1.7	2.0	
6	8.6	15.4	13.3	15.5	16.5	12.4	11.1	6.0	4.8	2.2	1.7	2.0	
7	8.7	15.4	13.3	15.4	16.3	12.2	10.9	5.7	5.0	2.2	1.7	2.0	
8	8.8	15.3	13.4	15.7	16.2	12.3	10.6	5.7	5.0	2.2	1.7	2.1	
9	8.9	15.2	13.6	16.0	16.0	12.5	10.2	5.5	5.1	2.1	1.7	2.2	
10	8.9	15.1	13.5	16.2	15.9	12.8	10.6	5.4	5.1	2.1	1.7	2.4	
11	9.1	14.9	13.7	16.4	15.8	13.1	9.6	5.2	5.1	2.0	1.7	2.5	
12	9.3	14.7	13.9	16.7	15.6	13.4	9.3	5.1	5.0	2.0	1.7	2.5	
13	10.0	14.5	14.0	16.9	15.2	13.4	8.9	5.0	4.9	2.0	1.8	2.5	
14	10.5	14.2	14.2	16.9	14.9	13.6	8.6	5.0	4.9	1.9	1.8	2.5	
15	11.0	14.2	14.1	16.9	14.8	13.7	8.3	4.9	4.9	1.9	1.8	2.6	
16	11.2	14.1	14.2	17.0	14.6	13.6	8.6	5.2	4.8	1.8	1.8	2.6	
17	11.5	13.9	14.2	17.1	14.6	13.7	9.1	5.1	4.7	1.8	1.8	2.6	
18	11.9	13.7	14.1	17.2	14.5	13.7	9.0	4.9	4.7	1.8	1.8	2.6	
19	12.1	13.6	14.1	17.3	14.3	13.7	8.7	4.7	4.6	1.7	1.8	2.6	
20	12.5	13.4	14.0	17.3	14.1	13.6	8.3	4.6	4.5	1.7	1.8	2.8	
21	12.9	13.2	14.2	17.3	13.9	13.6	8.2	4.5	4.4	1.7	1.8	3.0	
22	13.4	13.0	14.3	17.3	13.7	13.5	8.3	4.5	4.3	1.6	1.8	3.0	
23	13.7	12.9	14.4	17.3	13.7	13.3	8.3	4.6	4.1	1.6	1.8	3.2	
24	14.0	12.8	14.4	17.3	13.7	13.1	8.6	4.6	4.0	1.6	1.8	3.3	
25	14.4	12.7	14.6	17.2	13.7	13.0	8.6	4.5	3.7	1.6	1.9	3.3	
26	14.6	12.5	14.4	17.1	13.6	12.9	8.6	4.4	3.5	1.6	1.9	3.6	
27	14.8	12.3	14.4	17.1	13.6	12.8	8.6	4.3	3.2	1.6	1.9	3.7	
28	14.9	12.1	14.5	17.0	13.5	12.7	8.4	4.1	3.1	1.7	1.9	3.8	
29	15.1		14.6	17.0	13.5	12.6	8.3	4.0	3.0	1.7	1.9	4.0	
30	15.3		14.5	17.0	13.2	12.5	8.2	4.0	2.9	1.8	1.9	4.1	
31	15.4		14.5		13.3		7.9	4.2	<del>4.4</del>	1.8		4.2	
Mean	11.4	14.2	13.9	16.5	14.9	13.1	9.5	5.2	4.4	2.0	1.8	2.8	

17.3

# RIVER STAGES

*July 23<sup>rd</sup>*

*S. J. Davis*

River Gauge at *Mardel Spur*

for the calendar year *1916*

Zero elevation *196.7 (about)* feet above *mean sea level*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	<u>16.2</u>	18.7	<u>18.1</u>	13.8	12.3		<u>7.5</u>	7.5	<u>2.9</u>	1.0	<u>1.0</u>	<u>2.0</u>
2	<u>16.8</u>	18.7	<u>18.1</u>	13.7	<u>12.2</u>		<u>7.9</u>	7.1	<u>2.7</u>	1.0	<u>1.0</u>	<u>2.1</u>
3	17.2	18.7	18.0	13.8	12.2		<u>8.5</u>	6.7	2.4	1.0	1.0	2.1
4	17.5	18.8	18.0	13.8	12.4		<u>8.5</u>	<u>7.6</u>	2.3	1.0	1.0	2.3
5	17.8	18.8	17.9	<u>14.6</u>	<u>12.5</u>		<u>8.5</u>	<u>6.6</u>	2.2	1.0	1.0	2.3
6	18.0	<u>18.9</u>	17.8	14.3	12.4		<u>8.3</u>	6.3	2.2	0.9	1.0	2.3
7	18.1	18.8	17.7	14.4		<u>8.6</u>	<u>8.3</u>	5.9	2.1	0.9	1.0	2.4
8	18.2	18.8	17.6	14.4		<u>8.6</u>	<u>8.3</u>	5.7	2.1	0.9	1.0	2.5
9	18.3	18.7	17.4	14.3		8.1	8.1	5.5	2.0	0.8	1.0	2.6
10	<u>18.4</u>	18.6	<u>17.3</u>	14.1		8.0	8.1	5.7	1.9	0.8	1.1	2.6
11	18.4	18.6	17.2	13.9		7.8	8.4	6.0	1.8	0.8	1.1	2.7
12	18.4	18.6	17.1	13.6		7.6	8.6	5.5	1.8	0.8	1.1	2.7
13	18.5	18.6	17.0	13.5		7.0	8.6	5.3	1.8	0.8	1.1	2.7
14	18.5	18.7	16.8	13.3		6.9	8.6	5.9	1.8	0.7	1.1	2.8
15	18.5	18.7	16.7	13.0		6.9	8.6	5.7	1.7	0.7	1.2	Frozen
16	<u>18.6</u>	18.8	16.6	12.8		6.7	<u>8.7</u>	5.5	1.6	0.7	1.2	2.6
17	18.6	18.9	16.6	12.5		6.6	8.7	5.2	1.5	<u>0.6</u>	1.2	2.8
18	18.6	18.9	16.5	12.2		6.5	8.7	5.0	1.4	0.6	1.3	3.0
19	18.5	18.9	16.3	12.0		6.5	8.5	4.7	1.3	0.9	1.3	2.9
20	18.4	18.9	16.1	11.8		6.3	8.3	4.5	1.3	0.9	1.3	3.1
21	18.5	18.8	15.8	11.7		6.0	8.3	4.5	1.2	0.9	1.3	3.3
22	18.5	18.8	15.7	11.7		<u>5.8</u>	<u>8.5</u>	4.0	1.2	0.9	1.3	3.0
23	18.5	18.7	15.5	11.8		5.9		3.7	1.3	1.0	1.4	3.1
24	18.5	18.7	15.3	11.8		6.5		3.5	1.3	1.0	1.6	3.3
25	18.4	18.6	15.0	11.9		6.6		3.2	1.2	1.0	1.6	3.3
26	18.3	18.5	14.8	11.9		6.7		<u>3.0</u>	1.2	1.0	1.7	3.5
27	18.4	18.4	14.6	12.0		7.0		3.0	1.1	<u>1.1</u>	1.8	4.7
28	18.4	18.3	14.4	12.1		7.5		3.1	1.1	1.1	1.8	4.9
29	18.4	18.2	14.3	12.2		7.9		3.2	1.1	1.1	1.9	5.3
30	18.4	<del>x</del>	14.2	12.3		7.9		3.0	<u>1.0</u>	1.0	2.0	6.9
31	18.6	<del>x</del>	<u>14.0</u>	<del>x</del>		<del>x</del>		3.0	<del>x</del>	1.0	<del>x</del>	<u>7.0</u>
High	18.6	<u>18.9</u>	18.1	14.6	12.5	8.6	8.7	7.6	2.9	1.1	2.0	7.0
Low	16.2	18.2	14.0	11.7	12.2	5.8	7.5	3.0	1.0	<u>0.6</u>	1.0	2.0
Mean	18.2	18.7	16.3	13.0	12.3	7.1	8.4	5.0	1.7	0.9	1.3	3.2
Sum	564.4	542.1	504.4	389.2	74.0	169.9	184.5	155.1	50.5	27.9	38.4	96.8

No readings from 10 to 16/16

Remarks: — = Highest — = Lowest  
(18.9 on gage = 215.5 M.G.L.)

# RIVER STAGES.

*S. Francis*

River Gauge at

*Marked Mill Creek*

for the calendar year

*1915*

Zero elevation

*196.7*

feet above

*mean sea level*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	7.3	10.3	16.1	14.8	8.5	6.8	6.3	3.5	8.3	13.1	8.1	7.9
2	7.4	10.8	16.2	14.7	8.4	6.7	6.1	3.4	8.8	13.0	8.0	7.9
3	7.4	11.0	16.2	14.5	8.2	6.7	6.0	3.2	9.2	12.9	7.8	8.0
4	7.5	11.2	16.2	14.3	8.0	6.6	5.9	3.0	9.7	12.8	7.7	8.2
5	7.5	11.4	16.3	14.0	7.8	6.5	6.2	2.8	10.1	12.6	7.5	8.3
6	7.6	11.7	16.3	13.8	7.7	6.4	6.2	2.9	10.5	12.3	7.3	8.4
7	7.7	12.0	16.3	13.6	8.1	6.2	6.1	2.6	10.7	12.0	7.2	8.3
8	7.8	12.4	16.2	13.4	8.4	6.0	6.1	2.6	11.0	11.9	7.2	8.2
9	8.0	12.7	16.2	13.1	8.5	5.8	6.2	2.5	11.3	11.5	7.1	8.1
10	8.2	12.8	16.1	13.0	8.5	5.6	6.2	2.4	11.6	11.2	7.0	8.0
11	8.3	13.0	16.1	12.8	8.3	5.5	6.3	2.5	11.9	11.0	6.9	8.1
12	8.4	13.1	16.0	12.6	8.1	5.5	6.4	2.6	12.2	10.8	7.0	8.4
13	8.4	13.2	15.9	12.5	7.9	5.6	6.4	2.6	12.5	10.7	7.1	8.6
14	8.5	13.5	15.9	12.2	7.7	5.7	6.3	2.5	12.7	10.8	7.2	8.8
15	8.5	13.7	15.8	12.0	7.5	6.0	6.2	2.4	12.8	10.8	7.5	8.9
16	8.5	13.9	15.8	11.7	7.2	6.4	6.0	2.4	12.9	10.8	7.8	9.6
17	8.6	14.0	15.8	11.5	6.9	6.7	5.7	2.3	13.1	10.7	7.8	10.7
18	8.7	14.0	15.8	11.2	6.5	7.0	5.6	2.3	13.2	10.5	7.8	11.3
19	8.8	14.1	15.7	11.0	6.3	7.4	5.7	2.2	13.2	10.4	7.9	11.7
20	8.8	14.2	15.7	11.7	7.3	7.5	5.6	2.4	13.2	10.3	7.9	11.9
21	8.8	14.5	15.6	10.6	6.2	7.6	5.5	3.5	13.2	10.2	7.8	12.3
22	8.7	14.8	15.5	10.5	7.1	7.7	5.4	4.1	13.2	10.0	7.8	12.4
23	8.7	15.1	15.5	10.3	7.7	7.7	5.3	4.3	13.3	9.8	7.7	12.5
24	8.7	15.2	15.4	10.1	7.8	7.6	5.7	4.4	13.3	9.6	7.5	12.8
25	8.6	15.5	15.3	9.8	7.9	7.5	5.0	4.6	13.3	9.4	7.4	13.2
26	8.7	15.8	15.2	9.6	7.8	7.4	4.8	4.8	13.2	9.3	7.5	13.6
27	8.7	16.0	15.0	9.3	7.5	7.2	4.4	5.1	13.2	9.1	7.7	13.8
28	8.7	16.1	15.0	9.1	7.2	7.0	4.1	5.4	13.2	8.9	7.8	14.1
29	8.8	*	14.9	8.8	7.0	6.6	3.9	5.8	13.2	8.7	7.8	14.8
30	8.8	*	14.9	8.6	6.9	6.4	3.7	7.1	13.1	8.6	7.9	15.4
31	9.3	*	14.8	*	6.8	*	3.6	7.5	*	8.4	*	15.8
High	9.3	16.1	16.3	14.8	8.5	7.7	6.4	7.5	13.3	13.1	8.1	15.8
Low	7.3	10.3	14.8	8.6	6.2	5.5	3.6	2.2	8.3	8.4	6.9	7.9
Mean	8.3	13.4	15.7	11.8	7.6	6.6	5.6	3.5	12.0	10.7	7.6	10.6
SUM	258.4	376.0	487.7	355.1	235.7	199.3	172.8	109.7	361.1	332.1	226.7	330.0

Remarks: — = Highest — = Lowest

# RIVER STAGES

*St. Francis*

River Gauge at

*Market Hill*

for the calendar year

*1914*

Zero elevation *196.7*

feet above

*mean sea level*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	9.8	9.3	13.2	14.8	13.3	9.5	2.3	0.6	0.6	1.8	3.0	<del>2.1</del>
2	9.7	9.5	13.2	14.7	13.3	9.4	2.2	0.6	0.6	1.7	3.5	3.1
3	9.7	9.6	13.1	14.6	13.2	9.2	2.0	0.5	0.6	1.5	3.8	3.2
4	9.7	9.7	13.2	14.6	13.2	9.0	1.9	0.5	0.5	1.4	4.1	3.8
5	9.7	9.7	13.5	14.5	13.1	8.7	1.8	0.5	0.5	1.4	4.2	4.1
6	9.6	9.7	13.8	14.2	13.1	8.4	1.8	0.5	0.5	1.3	4.3	4.2
7	9.6	9.8	13.9	14.1	13.0	8.1	1.7	0.5	0.5	1.3	4.3	4.3
8	9.6	9.8	14.0	14.1	13.0	7.9	1.6	0.5	0.5	1.3	4.4	4.4
9	9.5	9.8	14.0	14.0	13.1	7.6	1.6	0.4	0.4	1.2	4.4	4.5
10	9.5	9.9	14.2	14.0	13.2	7.3	1.5	0.4	0.4	1.2	4.3	4.5
11	9.5	10.0	14.4	13.9	12.9	7.0	1.4	0.4	0.5	1.2	4.2	4.5
12	9.5	10.3	14.7	13.9	12.6	6.7	1.4	0.4	0.5	1.2	4.1	4.6
13	9.4	10.6	15.0	13.9	12.3	6.4	1.3	0.5	0.6	1.1	4.1	4.7
14	9.4	11.0	15.3	13.9	11.9	6.2	1.3	0.5	0.7	1.2	4.0	4.8
15	9.3	11.2	15.6	13.9	11.6	6.0	1.3	0.4	0.8	1.3	3.9	4.9
16	9.3	11.4	15.8	13.8	11.4	5.6	1.2	0.4	0.7	1.5	3.8	4.9
17	9.3	11.6	15.9	13.7	11.3	5.3	1.2	0.4	0.7	1.6	3.7	4.9
18	9.2	11.8	16.0	13.8	11.2	5.0	1.1	0.4	0.7	1.7	3.7	4.9
19	9.2	12.0	16.0	13.7	11.1	4.8	1.0	0.3	0.8	1.7	3.6	5.0
20	9.2	12.2	16.0	13.7	10.9	4.5	0.9	0.3	0.8	1.9	3.5	5.2
21	9.1	12.4	15.9	13.6	10.8	4.3	0.9	0.3	0.8	2.1	3.5	5.5
22	9.1	12.6	15.7	13.6	10.8	4.1	0.8	0.3	0.8	2.3	3.4	5.9
23	9.1	12.8	15.6	13.6	10.7	3.8	0.8	0.3	0.9	2.3	3.2	6.1
24	9.1	13.0	15.5	13.5	10.7	3.5	0.8	0.2	1.2	2.3	3.2	6.3
25	9.0	13.1	15.5	13.5	10.6	3.3	0.7	0.2	1.3	2.2	3.2	6.5
26	9.0	13.3	15.3	13.5	10.5	3.0	0.7	0.4	1.4	2.2	3.1	6.8
27	9.0	13.3	15.2	13.5	10.4	2.8	0.7	0.6	1.4	2.1	3.1	7.0
28	9.0	13.2	15.1	13.4	10.2	2.6	0.7	0.7	1.5	2.1	3.2	7.1
29	8.9	<del>x</del>	15.1	13.4	10.0	2.5	0.6	0.7	1.6	2.2	3.2	7.2
30	8.9	<del>x</del>	15.0	13.4	9.8	2.4	0.6	0.6	1.7	2.5	3.1	7.3
31	8.9	<del>x</del>	14.9	<del>x</del>	9.6	<del>x</del>	0.6	0.6	<del>x</del>	<del>x</del>	<del>x</del>	7.3
High	9.8	13.3	16.0	14.8	13.3	9.5	2.3	0.7	1.7	2.5	4.4	7.3
Low	8.9	9.3	13.1	13.4	9.6	2.4	0.6	0.2	0.4	1.1	3.0	3.1
Mean	9.3	11.2	14.8	13.9	11.7	5.8	1.2	0.4	0.8	1.7	3.7	5.2
Sum	289.8	312.6	459.7	416.8	362.8	174.9	38.4	13.9	24.5	50.8	111.1	160.6

Remarks: *frozen 12/14-15-16-17 & 18,*

*- = Highest    - = lowest*

# RIVER STAGES

*St. Francis* River Gauge at *Marked Tree Ark* for the calendar year *1913*

Zero elevation *196.7* feet above *Mean sea level*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	4.3	18.2	16.0	14.9			2.6	1.7	0.9	1.4	3.3	5.8
2	4.3	18.3	15.9	15.1			2.6	1.7	0.9	1.4	3.4	5.7
3	4.4	18.3	15.7	15.3			2.5	1.6	0.8	1.4	3.6	5.6
4	4.4	18.3	15.6	15.5			2.5	1.6	0.8	1.3	3.7	5.7
5	4.4	18.3	15.4	15.7			2.4	1.5	0.7	1.3	3.7	5.7
6	5.4	18.3	15.3	15.8			2.3	1.5	0.7	1.3	3.7	5.7
7	7.1	18.2	15.1	15.9			2.2	1.5	0.7	1.2	3.7	5.8
8	8.4	18.2		16.4			2.1	1.5	0.6	1.2	3.7	5.8
9	9.1	18.1		17.0			2.4	1.4	0.7	1.2	3.7	5.9
10	10.4	18.0					2.4	1.4	0.7	1.2	3.7	5.9
11	11.9	18.0					2.5	1.4	0.8	1.2	3.7	6.0
12	12.7	18.0					2.6	1.4	0.8	1.3	3.7	6.0
13	13.4	18.1					2.9	1.3	0.8	1.3	3.7	6.1
14	14.3	18.0					3.0	1.3	0.9	1.3	4.2	6.1
15	15.1	17.9					3.0	1.4	0.9	1.3	4.7	6.2
16	15.7	17.8					2.9	1.3	1.0	1.4	5.2	6.4
17	16.5	17.7					2.9	1.3	1.0	1.4	5.7	6.7
18	16.8	17.6					2.8	1.2	1.0	1.5	5.9	7.0
19	17.0	17.5					2.8	1.2	1.0	1.5	6.2	7.4
20	17.1	17.4					2.7	1.2	1.0	1.6	6.3	8.1
21	17.1	17.2					2.6	1.2	1.1	1.7	6.3	8.5
22	17.1	17.1					2.5	1.2	1.1	1.8	6.4	8.8
23	17.3	16.9					2.4	1.3	1.1	2.2	6.5	8.9
24	17.4	16.7					2.2	1.3	1.1	2.5	6.5	9.1
25	17.4	16.4					2.2	1.2	1.2	2.7	6.5	9.3
26	17.5	16.2					2.1	1.2	1.2	2.8	6.4	9.5
27	17.6	16.2	14.2				2.0	1.1	1.2	2.9	6.2	9.7
28	17.7	16.1	14.4				2.0	1.1	1.2	3.1	6.0	9.7
29	17.8	14.5					1.9	1.0	1.3	3.1	5.9	9.8
30	17.9	*	14.7				1.8	1.0	1.3	3.1	5.8	9.8
31	18.1	*	14.8				1.8	1.0	*	3.2	*	9.8
High	18.1	18.3	16.0	17.0		3.8	3.0	1.7	1.3	3.2	6.5	9.8
Low	4.3	16.1	14.2	14.9		2.7	1.8	1.0	0.6	1.2	3.3	5.6
Mean	13.1	17.6	15.1	15.7		3.2	2.4	1.3	0.9	1.8	4.9	7.3
SUM	405.6	493.0	181.6	141.6		22.2	75.6	41.0	27.2	55.8	148.0	226.5

Remarks: — = Highest — = Lowest

*@ Mississippi River levee broke*  
*25.1 = Elevation 221.7 ft. augh.*

# RIVER STAGES

*St. Francis* River Gauge at *Marked Iron Ore* for the calendar year *1912*

Zero elevation *196.7* feet above *mean sea level*

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.		
1	<i>Supplied (see preceding page)</i>								<u>3.3</u>	1.6		3.9		
2									4.0					
3									4.1					
4									4.2					
5									4.2					
6									<u>4.3</u>					
7									4.3					
8									4.3					
9									4.3					
10									2.5	4.3				
11	<i>Supplied</i>											4.3		
12												4.2		
13												4.1		
14												4.0		
15												4.0		
16												4.0		
17												3.9		
18												1.9	2.0	3.9
19												2.7	3.9	
20												3.9		
21	<i>Supplied</i>											3.8		
22												3.8		
23												3.8		
24												1.9	3.5	3.9
25												3.5	3.9	
26												3.4	3.9	
27												2.1	3.4	4.0
28												3.4	4.1	
29												4.2		
30												4.2		
31	4.3													
High									3.3	3.5		<u>4.3</u>		
Low									1.9	<u>1.4</u>		3.8		
Mean									2.3	2.8		4.1		
SUM									11.7	28.4		125.9		

Remarks: — = Highest — = Lowest

St. Francis

RIVER.

Marked Tree,

1911, ARK., 1891

Zero Elevation.....feet above mean tide water in the Gulf of Mexico

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	8.4	11.2	10.8	11.1	15.0	11.0	4.6	2.9	4.6	3.6	2.9	5.0
2	8.9	11.2	10.7	11.0	14.9	10.9	4.5	2.9	5.7	3.5	2.9	5.0
3	9.4	11.1	10.7	10.9	14.8	10.7	4.4	2.8	6.1	3.4	2.8	5.0
4	9.8	11.0	10.6	10.9	14.6	10.4	4.4	2.7	6.4	3.4	2.8	5.1
5	10.1	10.9	10.6	11.0	14.4	10.1	4.3	2.6	6.5	3.4	2.9	5.1
6	10.4	10.7	10.6	11.1	14.2	9.7	4.3	3.6	6.5	3.4	3.2	5.1
7	10.7	10.6	10.6	11.2	14.1	9.3	4.2	3.3	6.5	3.3	3.3	5.1
8	11.0	10.6	10.6	11.3	13.9	8.9	4.1	3.1	6.3	3.3	3.4	5.2
9	11.2	10.6	10.6	11.3	13.9	8.5	4.0	2.9	6.0	3.3	3.4	5.2
10	11.5	10.5	10.7	11.4	13.8	8.1	3.9	2.8	6.0	3.3	3.4	5.3
11	11.6	10.5	10.8	11.4	13.7	7.7	3.9	2.7	6.0	3.4	3.4	5.4
12	11.7	10.4	10.9	11.4	13.5	7.3	3.8	2.6	5.7	3.4	3.4	5.5
13	11.7	10.4	11.0	12.0	13.4	7.0	3.8	2.5	5.4	3.4	3.5	5.5
14	11.7	10.4	11.1	13.0	13.3	6.7	3.7	2.4	5.1	3.4	3.6	5.6
15	11.7	10.4	11.2	13.7	13.1	6.4	3.6	3.0	4.8	3.4	3.6	5.7
16	11.6	10.4	11.3	14.2	13.0	6.1	3.5	3.4	4.5	3.3	3.7	5.8
17	11.6	10.4	11.4	14.5	12.8	5.8	3.4	3.6	4.2	3.3	3.8	5.8
18	11.5	10.3	11.5	14.9	12.7	5.5	3.3	3.7	3.9	3.3	3.8	5.9
19	11.5	10.5	11.6	15.4	12.5	5.2	3.2	3.7	3.7	3.3	3.9	6.0
20	11.5	10.8	11.7	15.9	12.3	5.0	2.9	3.6	3.6	3.2	4.0	6.0
21	11.5	10.9	11.8	16.0	12.2	4.8	2.8	3.6	3.6	3.2	4.1	6.2
22	11.5	11.0	11.9	16.1	12.0	4.6	3.1	3.6	3.6	3.1	4.2	6.4
23	11.4	11.1	11.9	16.1	11.9	4.8	3.1	3.6	3.6	3.1	4.3	6.7
24	11.4	11.0	11.8	16.0	11.8	4.8	3.1	3.6	3.6	3.1	4.4	6.9
25	11.4	11.0	11.7	15.9	11.7	4.8	3.0	3.6	3.7	3.0	4.5	7.1
26	11.3	10.9	11.6	15.7	11.6	4.7	2.9	3.6	3.8	3.0	4.6	7.4
27	11.2	10.9	11.6	15.6	11.5	4.5	2.8	3.7	3.8	3.0	4.7	7.6
28	11.1	10.8	11.5	15.4	11.4	4.6	2.8	3.8	3.8	2.9	4.8	7.7
29	11.1		11.4	15.3	11.3	4.6	2.8	3.9	3.8	2.9	4.9	7.8
30	11.1		11.3	15.1	11.2	4.6	2.8	3.9	3.7	2.9	4.9	8.1
31	11.1		11.2		11.1		2.8	4.2		2.9		8.4

Observer:

*Filled out by Mr. W.B. Ogden*

OFFICIAL.

1912. 191  
ARK., 189

St. Francis River RIVER. Marked Tree, Ark.  
Zero Elevation.....feet above mean tide water in the Gulf of Mexico

DAY	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	8.7	12.9	14.1	17.1								
2	8.8	12.9	14.2	17.4								
3	8.9	12.8	14.3	17.6								
4	9.0	12.7	14.4	17.8								
5	9.2	12.7	14.5	17.9								
6	<i>Frozen</i>	12.7	14.5	18.1								
7	"	12.7	14.6	18.4								
8	"	12.7	14.8	18.6								
9	"	12.7	14.8	18.7								
10	"	12.8	14.9	18.9								
11	"	12.9	14.9	19.2								
12	"	13.0	14.9	19.9								
13	"	13.0	15.0	21.5								
14	"	13.0	15.0	<i>Gage</i>								
15	"	13.0	15.3	<i>Below</i>								
16	"	13.0	15.5									
17	8.8	13.1	15.7	24.1								
18	8.9	13.1	15.8	24.2								
19	9.6	13.1	15.9	24.2								
20	10.0	13.1	15.9	24.1								
21	10.3	13.2	15.9	24.0								
22	10.5	13.3	16.0	23.9								
23	10.8	13.4	16.0	23.7								
24	11.4	13.5	16.4	23.4								
25	11.8	13.6	16.4	22.9								
26	12.0	13.7	16.5	22.6								
27	12.3	13.8	16.6	22.2								
28	12.5	13.9	16.6	21.7								
29	12.6	14.0	16.9	21.4								
30	12.8		17.0	21.1								
31	12.9		17.0									

Station closed April 30. 1912

Observed by B.M., Base Rail FRISCO  
bridge = 36.7 on gauge.  
H.W. Apr 4, 1897 = 26.2 feet.

OFFICIAL.

# RIVER STAGES

River Gauge at \_\_\_\_\_

for the calendar year \_\_\_\_\_

Zero elevation \_\_\_\_\_ feet above \_\_\_\_\_

Bank full stage \_\_\_\_\_ feet on gauge

*7.0 ft on Marked Tree Gauge - 5.0 ft Marked Tree*

*Days marked Tree at or above 7 feet*

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1990	31	29	31	30	31	30	28	0	0	0	0	7	1
21	31	28	31	30	31	20	0	0	0	0	8	7	2
22	31	28	31	30	31	5	0	0	0	8	0	7	3
23	23	28	31	30	31	30	14	0	0	0	7	29	4
24	31	29	31	30	31	30	4	11	0	0	0	0	5
25	0	7	31	21	0	0	0	0	0	21	30	31	6
26	31	28	31	30	10	0	0	0	0	0	0	8	7
27	31	28	31	30	31	30	27	0	0	13	4	13	8
28	31	29	31	30	31	16	31	9	0	0	0	20	9
29	31	28	31	30	31	30	4	0	0	0	0	2	10
30	31	28	31	15	7	0	0	0	0	0	0	0	11
Sum	304	290	341	306	265	201	103	20	0	24	49	148	12
AB	27 <sup>1</sup> / <sub>10</sub>	26 <sup>4</sup> / <sub>10</sub>	31	27 <sup>9</sup> / <sub>10</sub>	24 <sup>1</sup> / <sub>10</sub>	18 <sup>3</sup> / <sub>10</sub>	9 <sup>4</sup> / <sub>10</sub>	1 <sup>6</sup> / <sub>10</sub>	0	2 <sup>2</sup> / <sub>10</sub>	4 <sup>5</sup> / <sub>10</sub>	13 <sup>5</sup> / <sub>10</sub>	13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
Sum													
Mean													
High													
Low													

Remarks:

*4 at marked tree - 3 in channel  
 7' = 5'  
 6' = 4'  
 5' = 4'  
 4' = 3'*